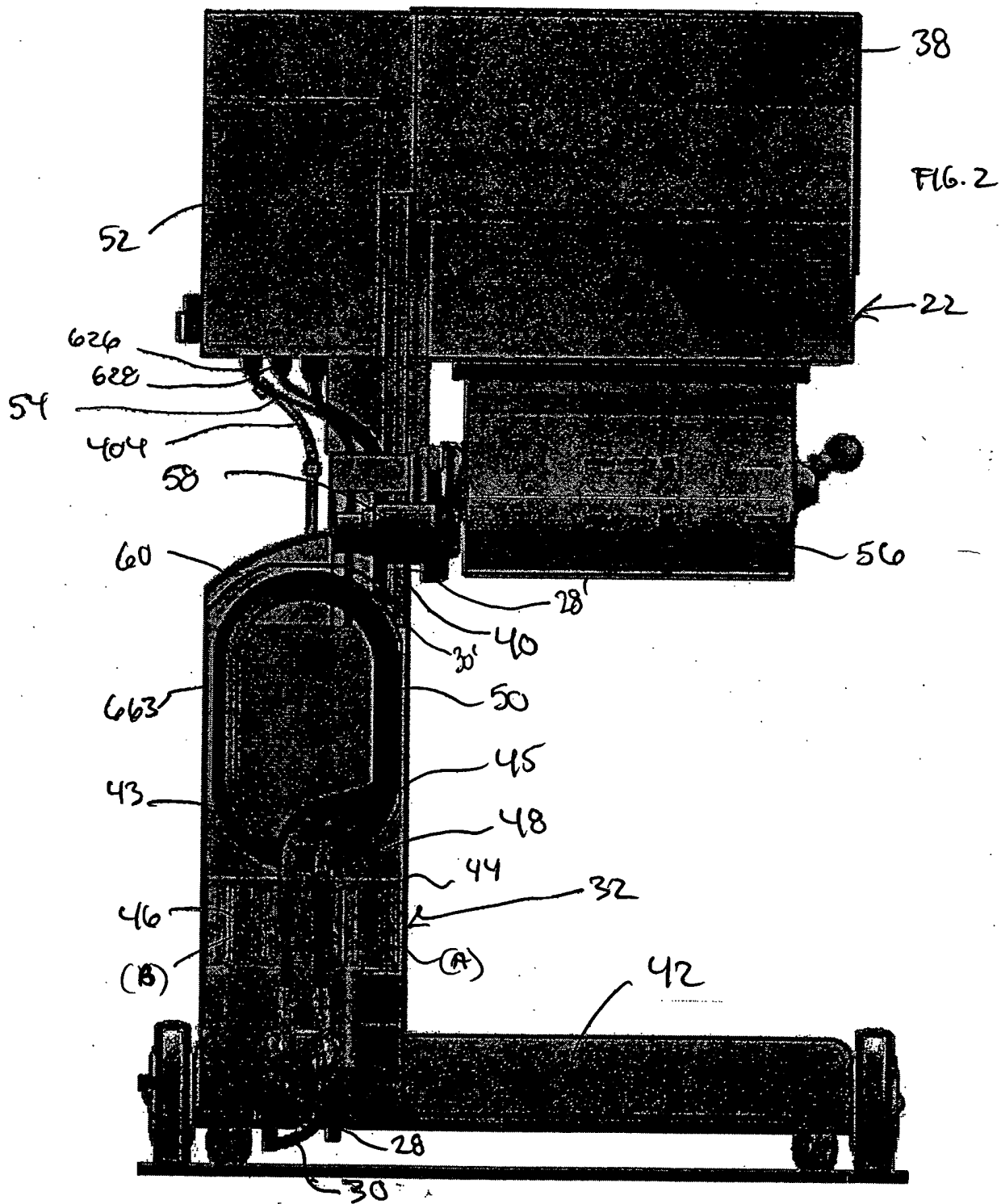


FIG. 1



BEST AVAILABLE COPY

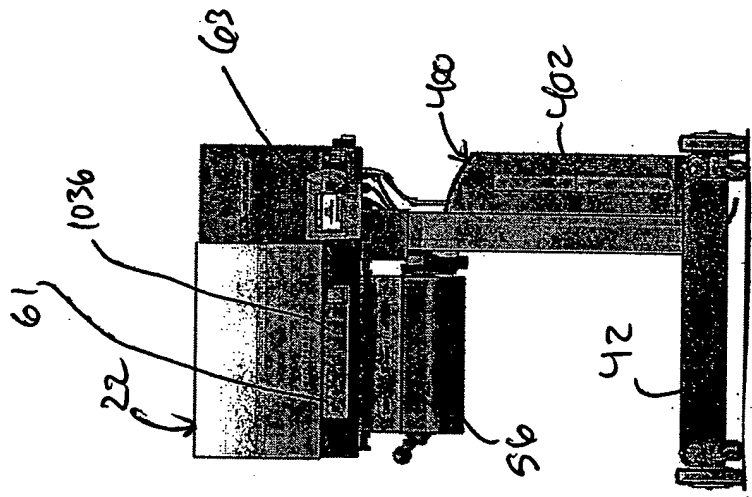
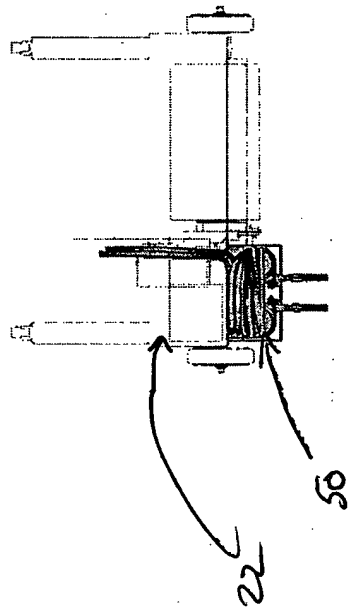


FIG. 3

FIG. 4



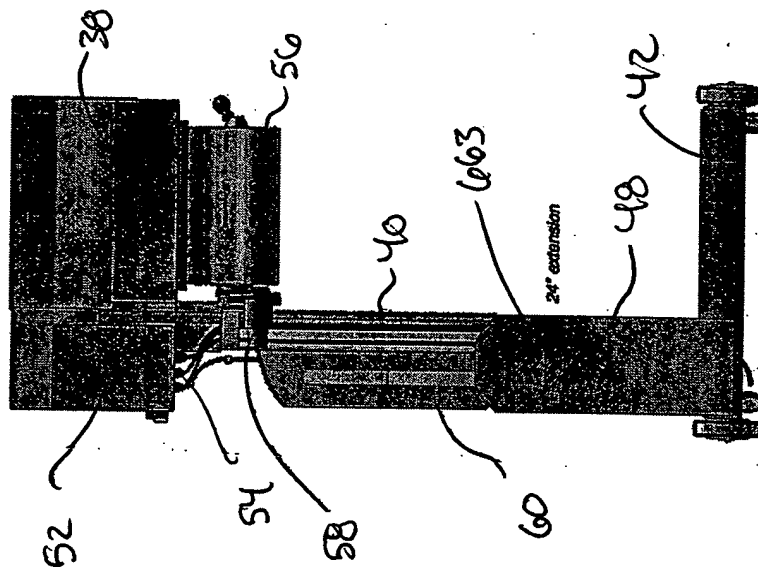


FIG-5

FIG. 6

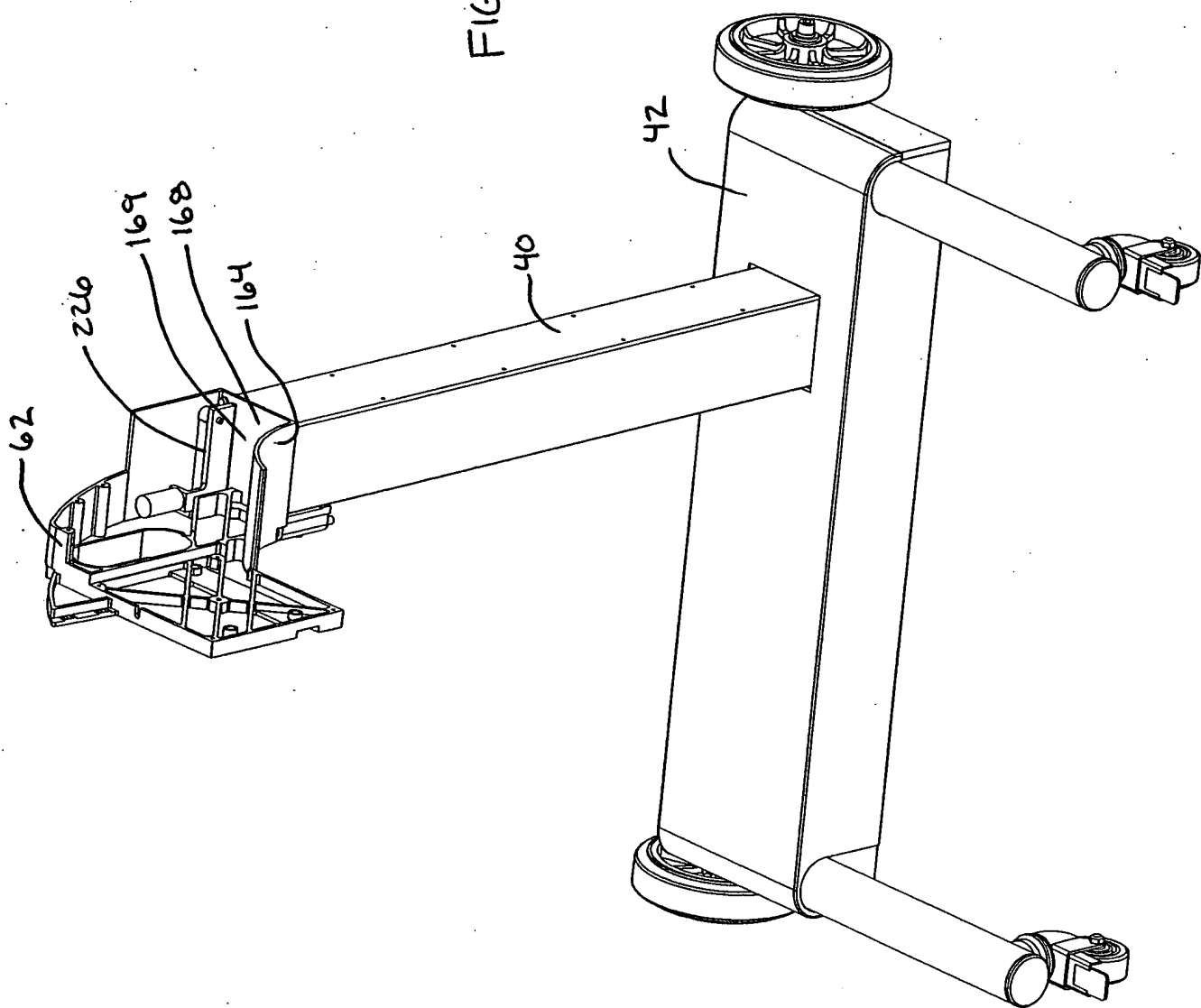
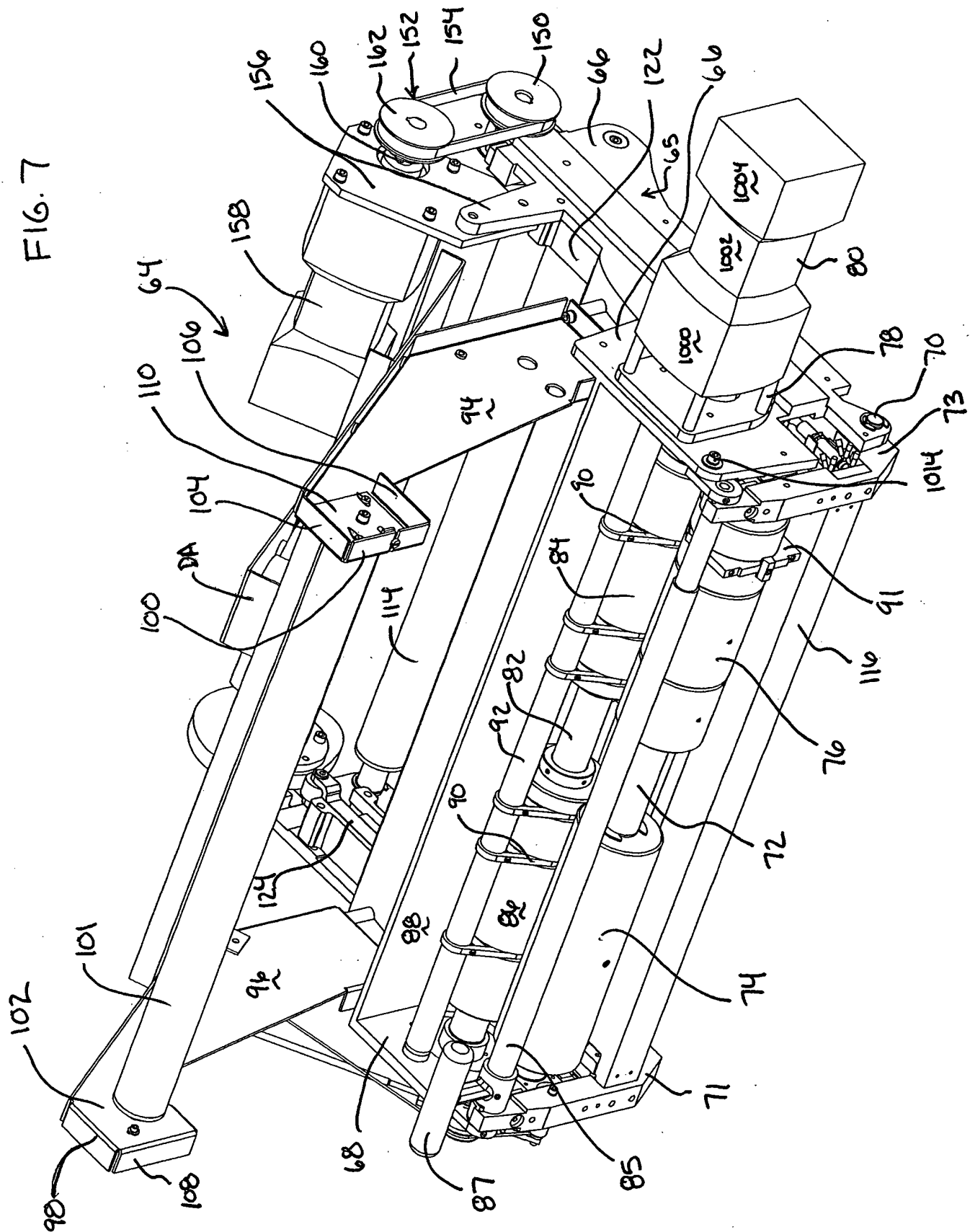
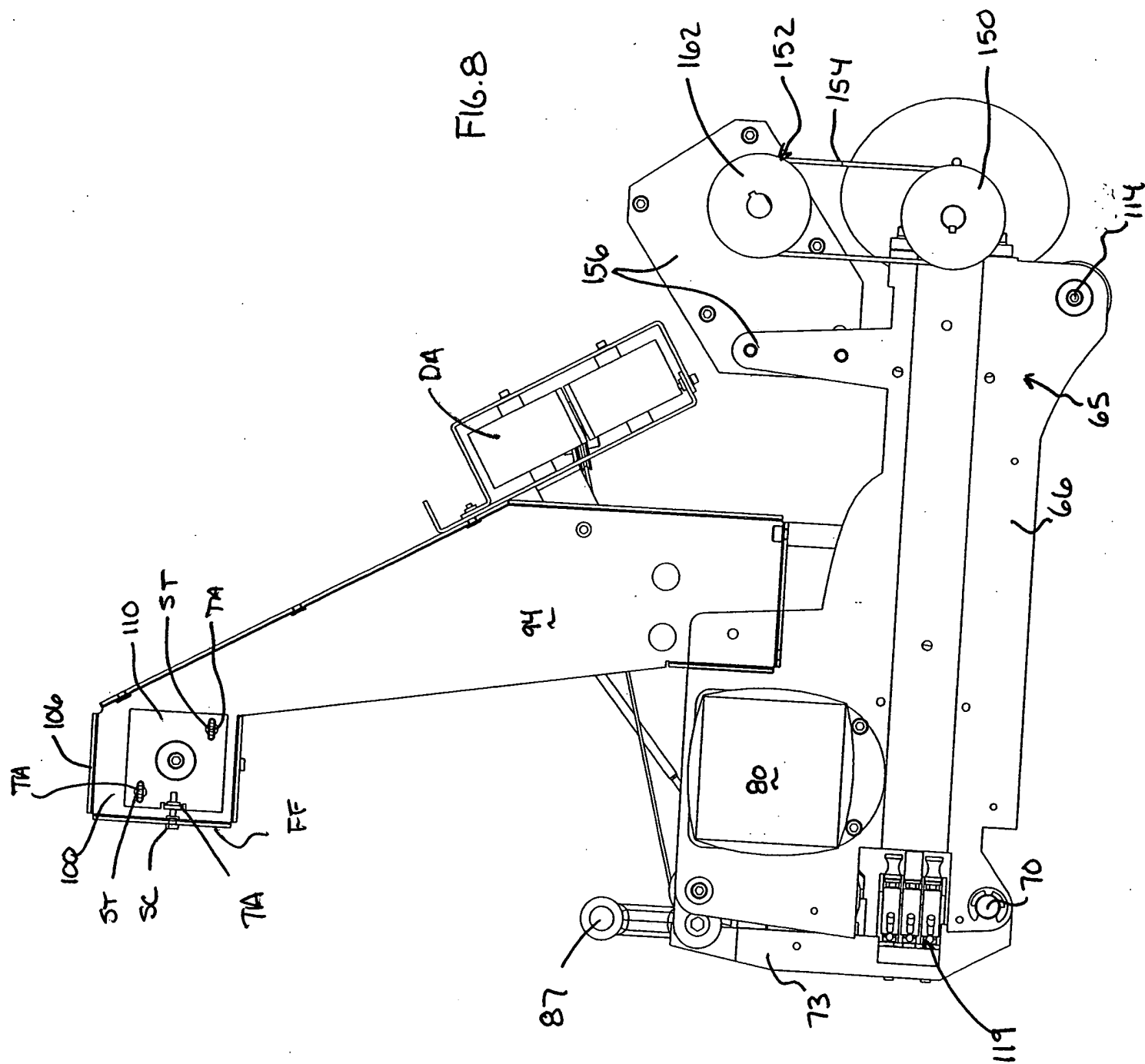


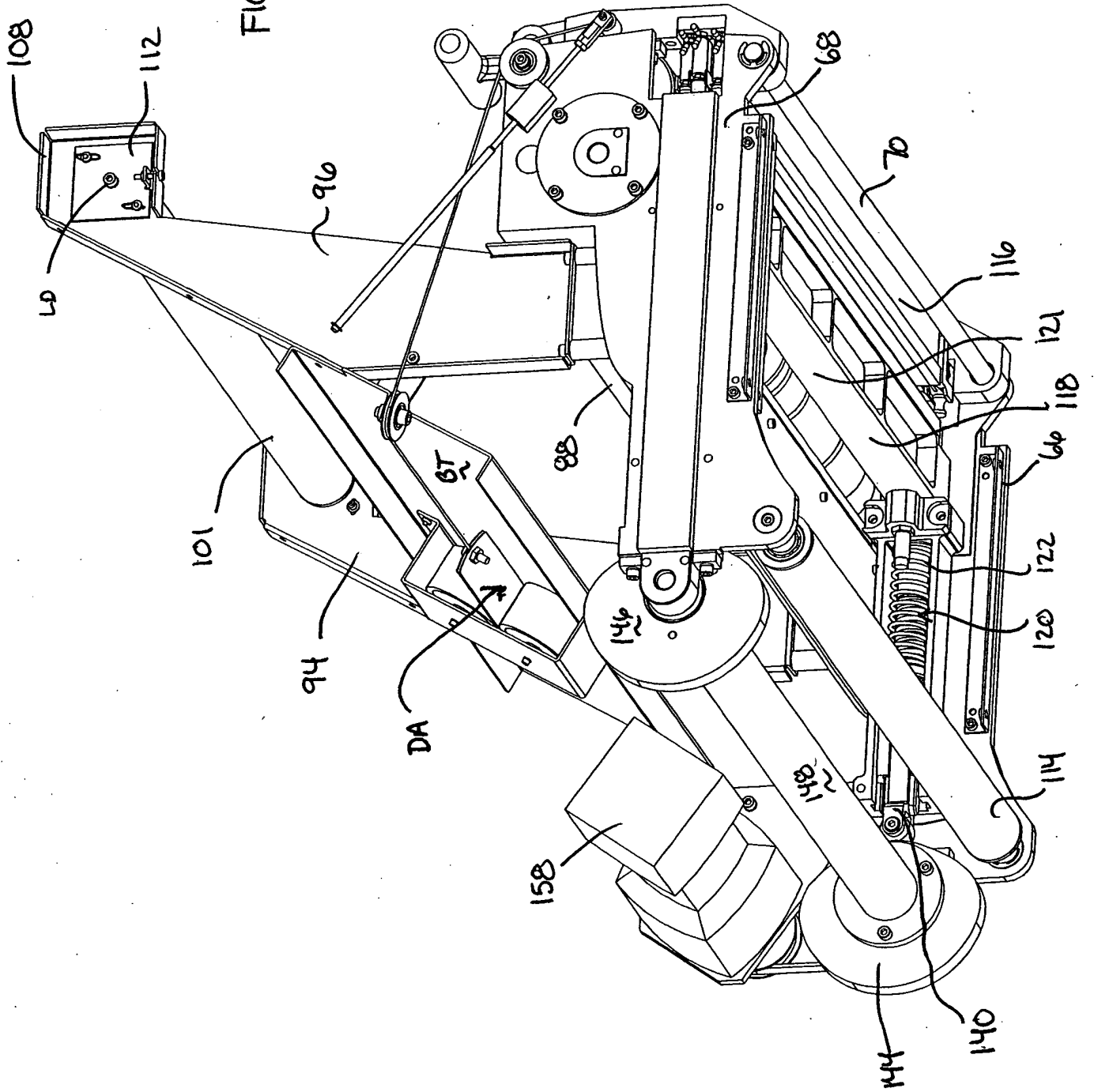
FIG. 7





File 8

FIG. 9



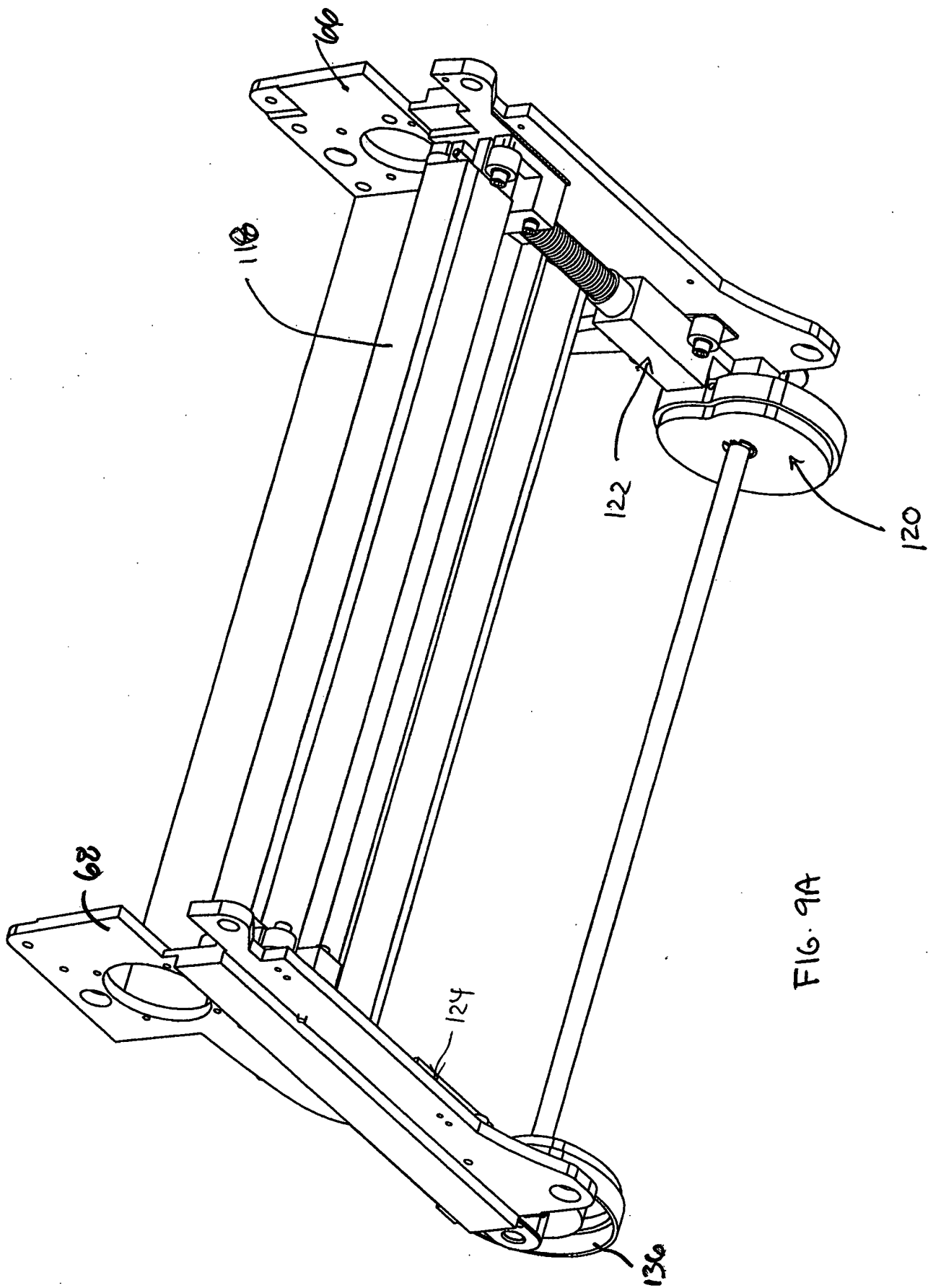


FIG. 9A

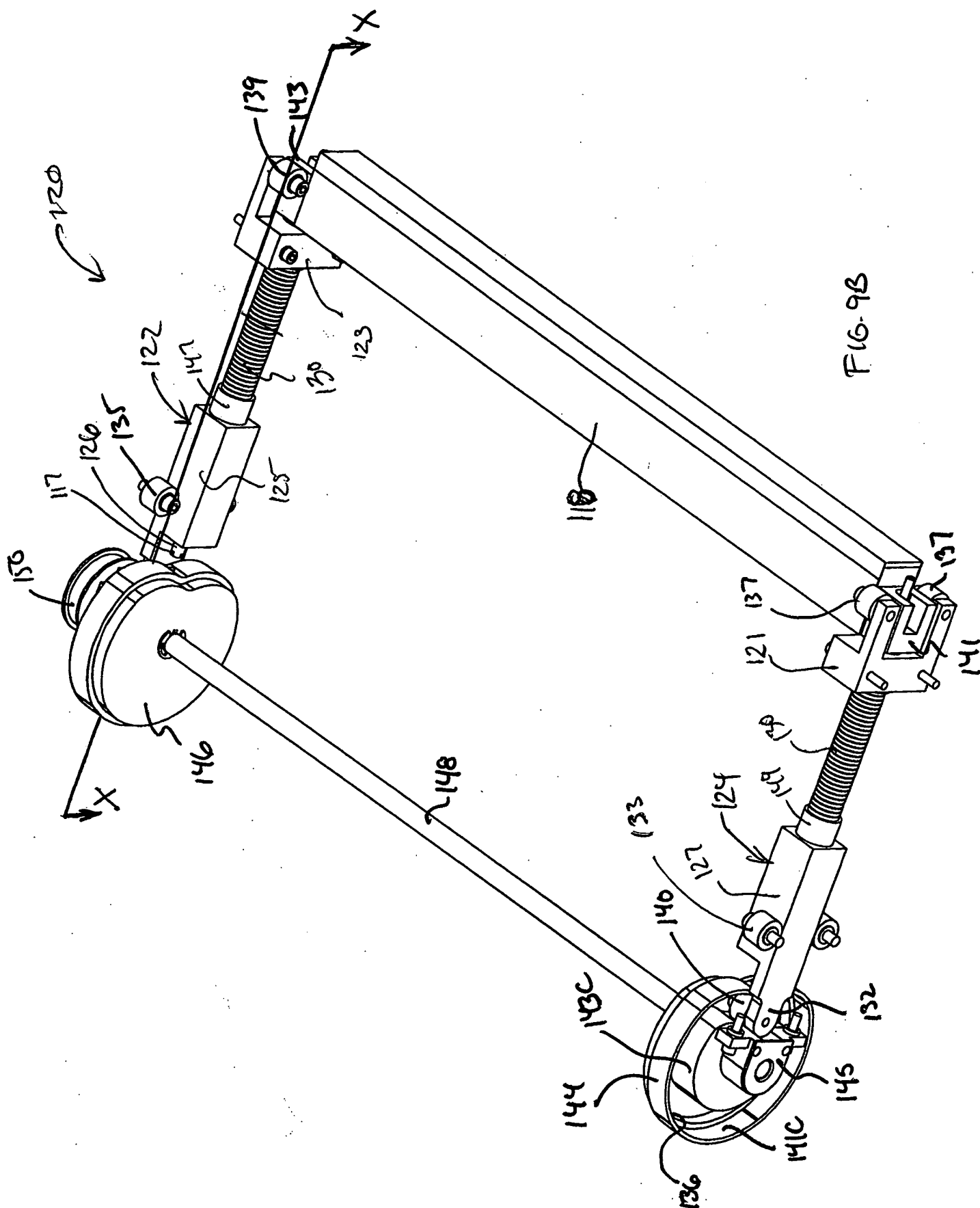


FIG. 9B

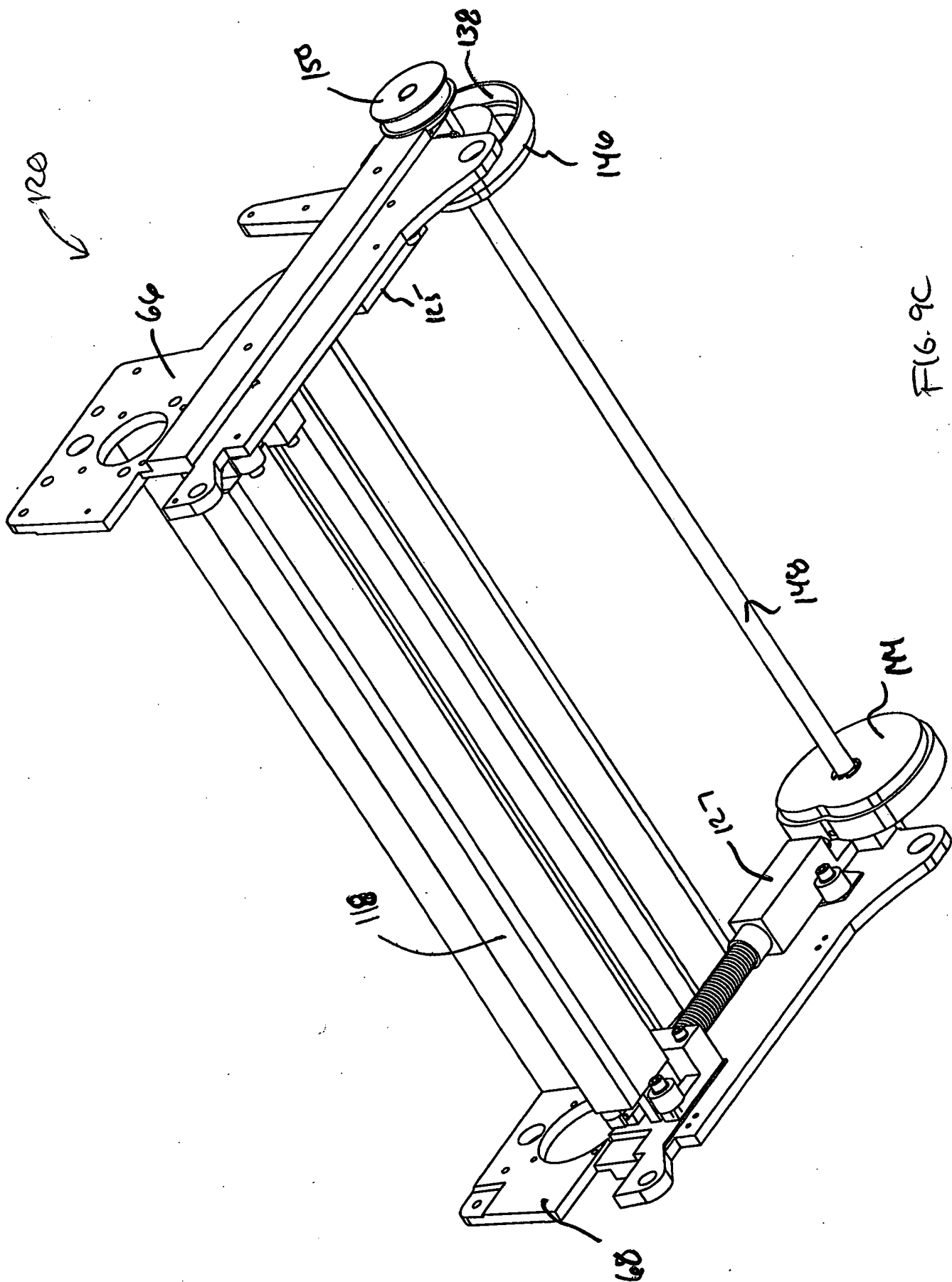
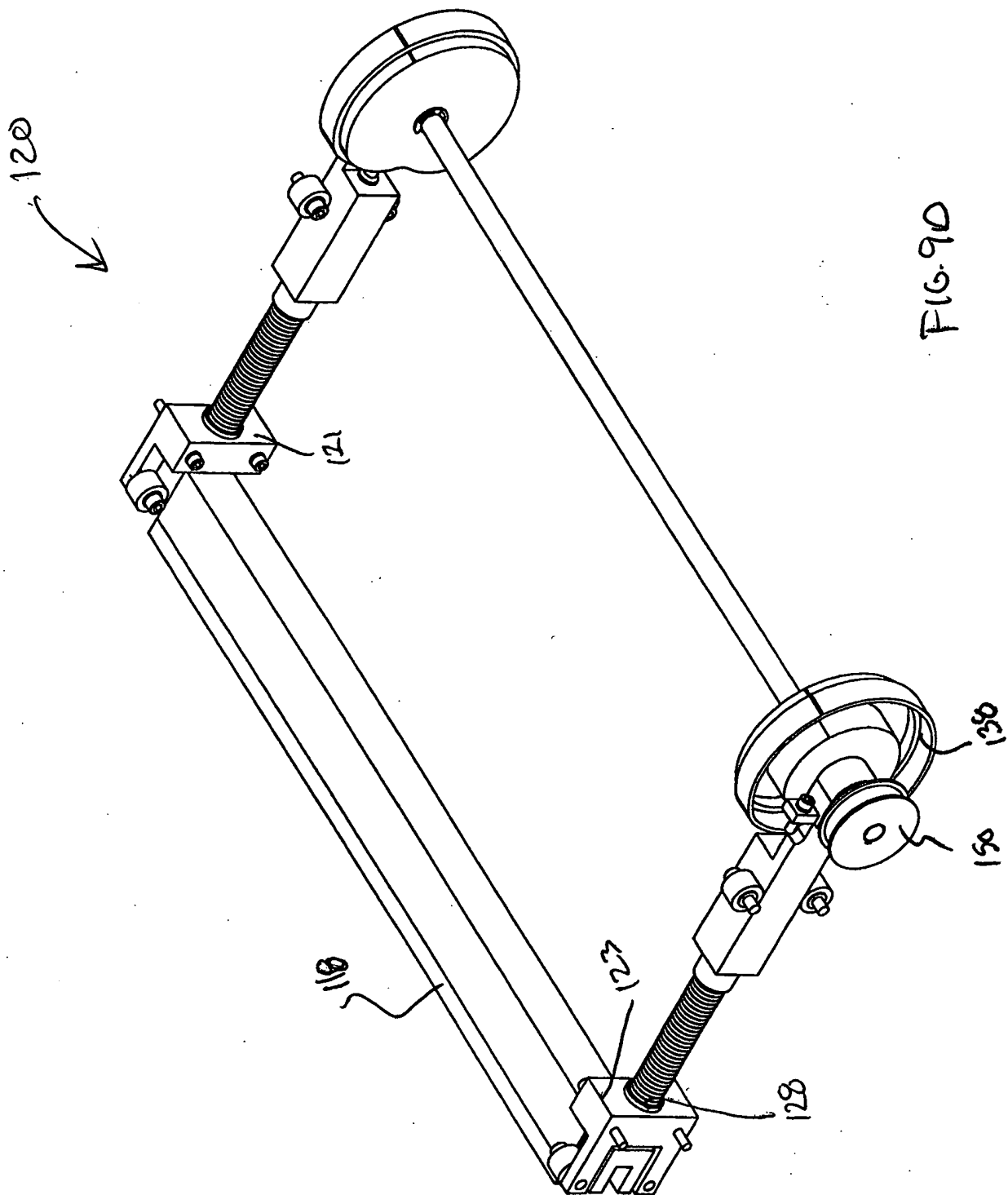
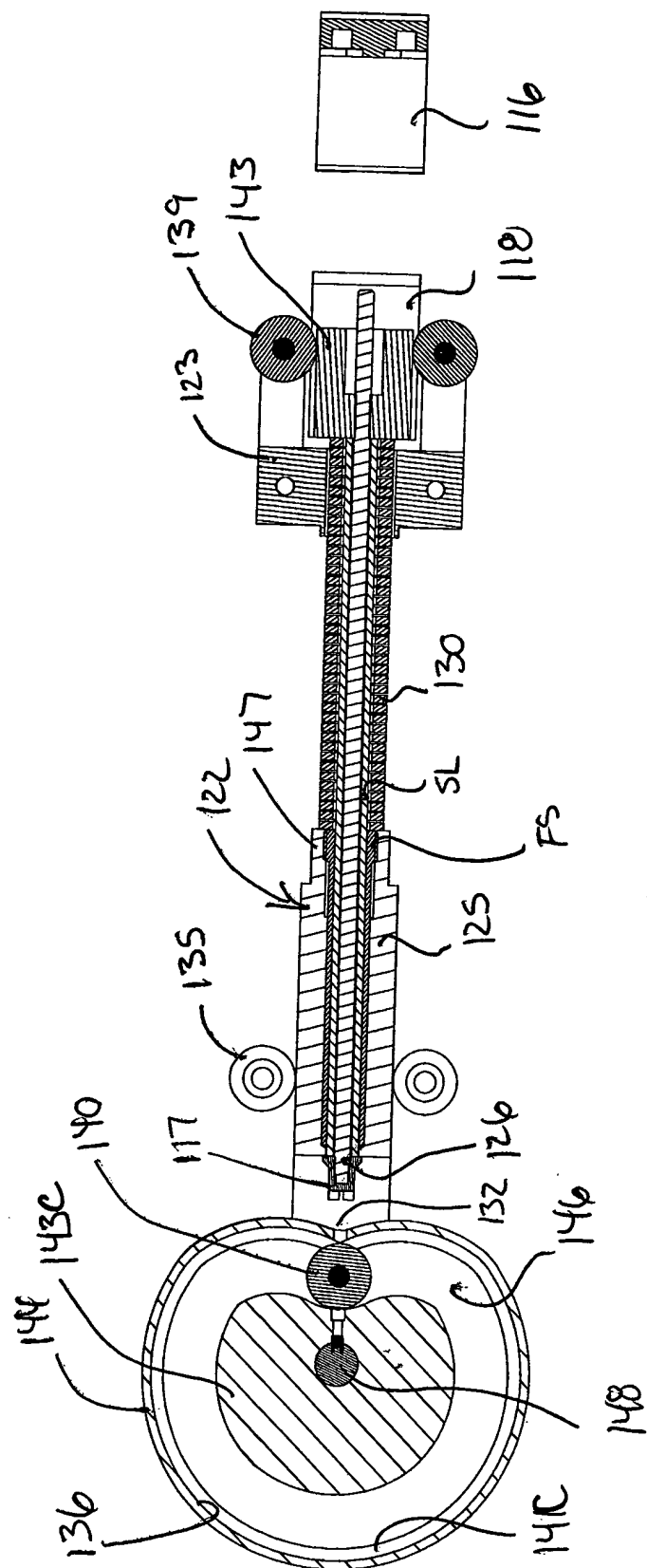


FIG. 9C



File 9E



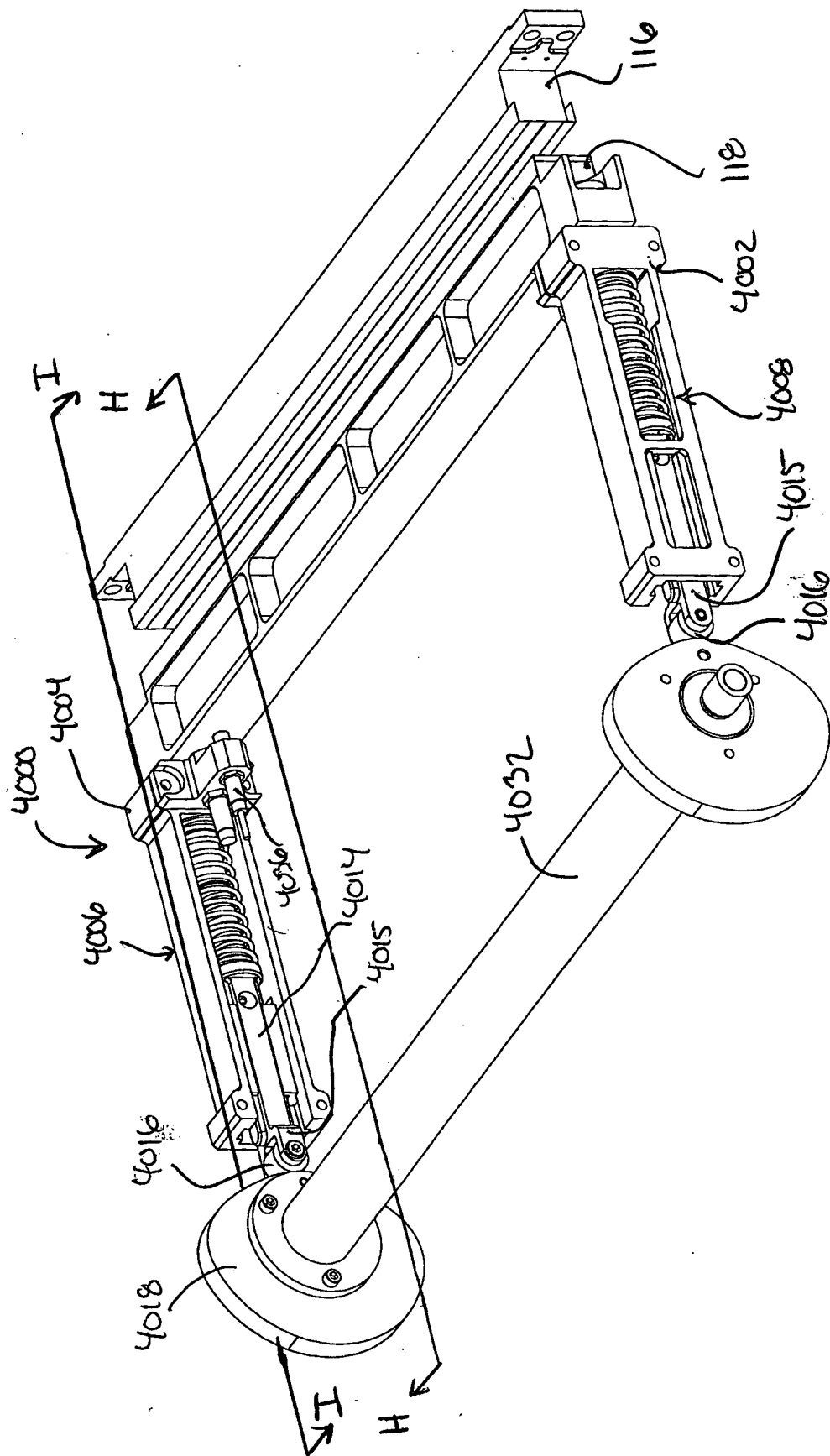


FIG. 9F

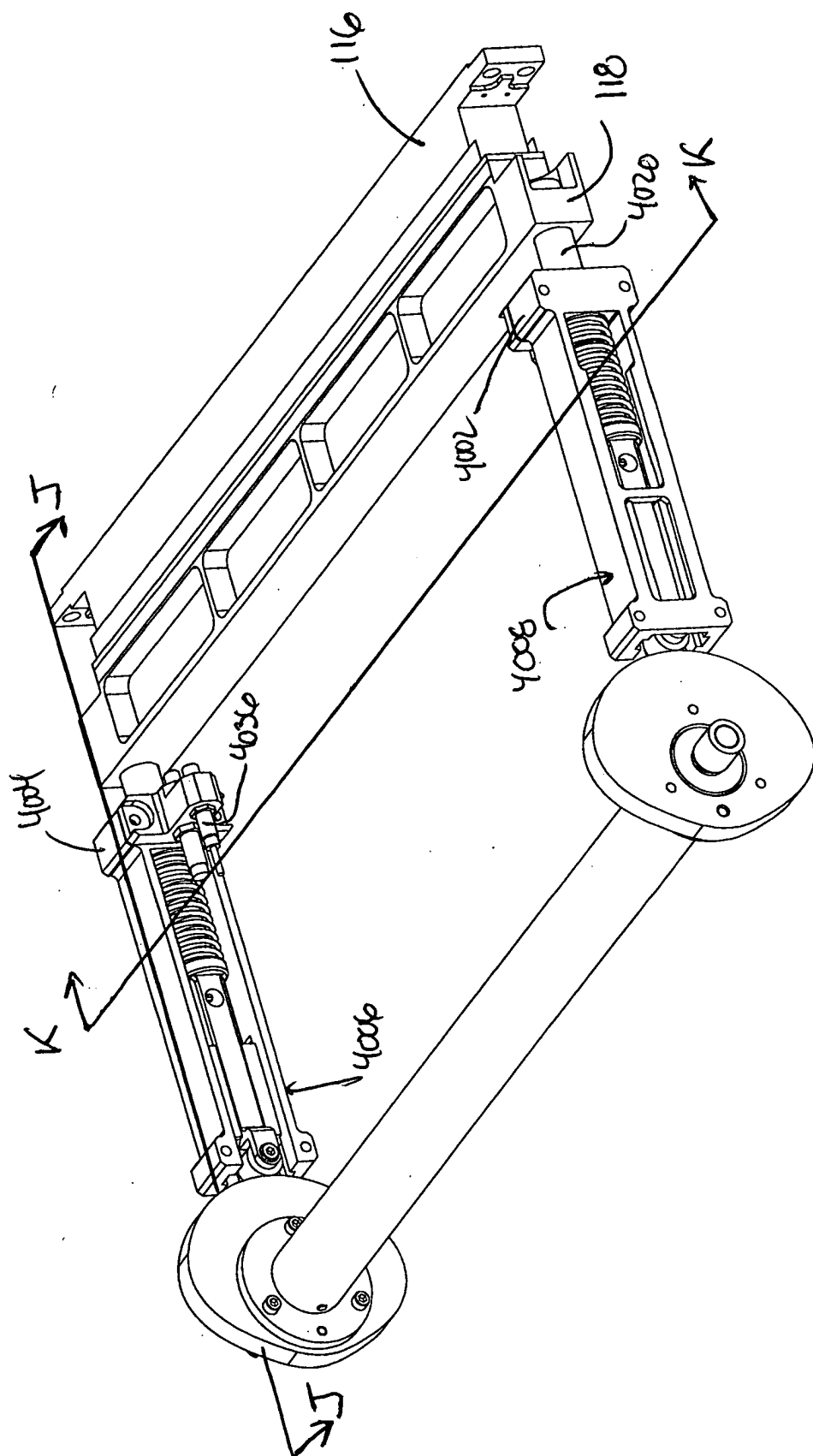


FIG. 9C

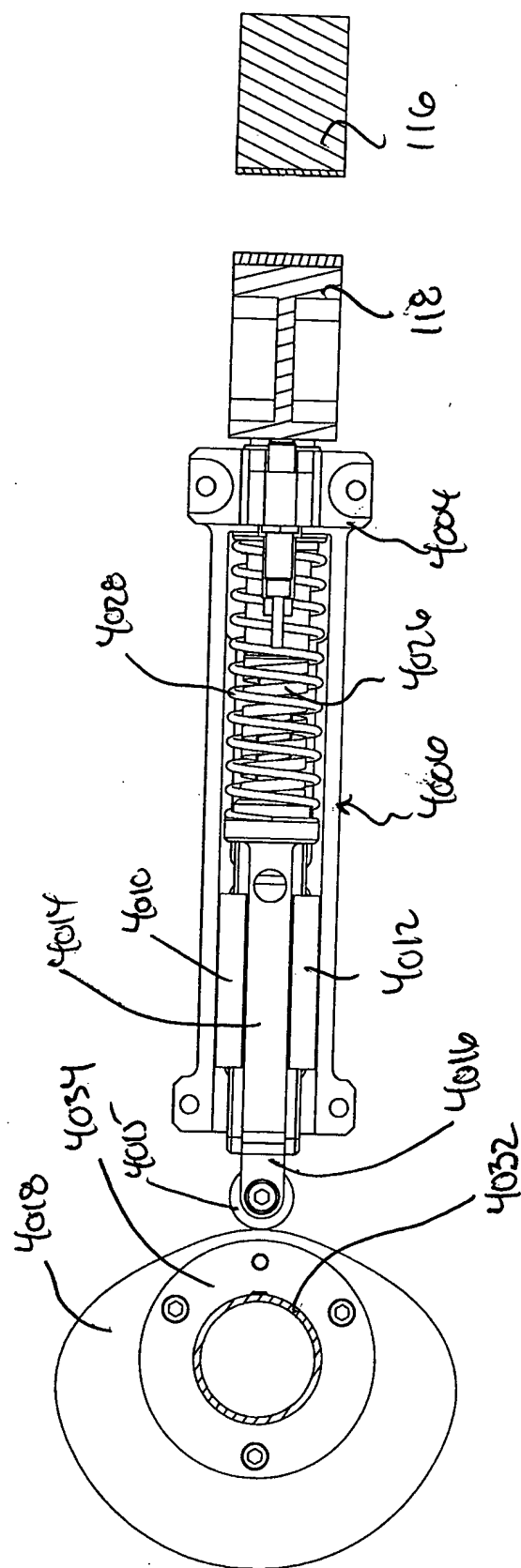


Fig. 9H

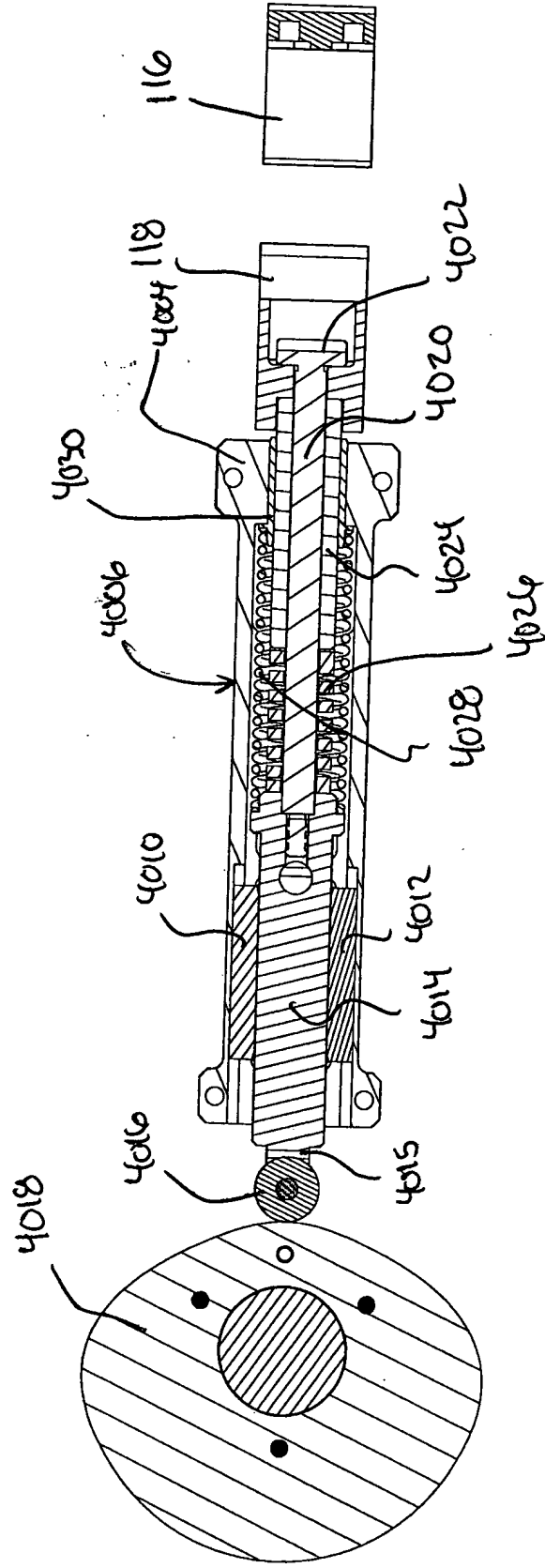


FIG. 9I

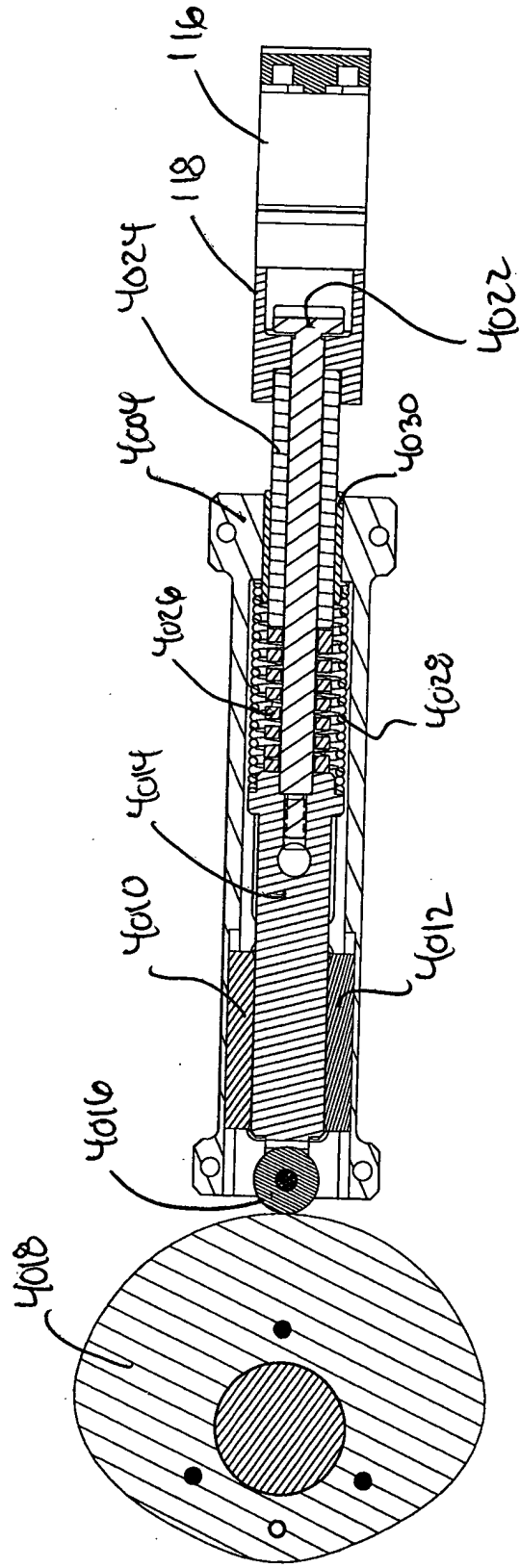


FIG. 95

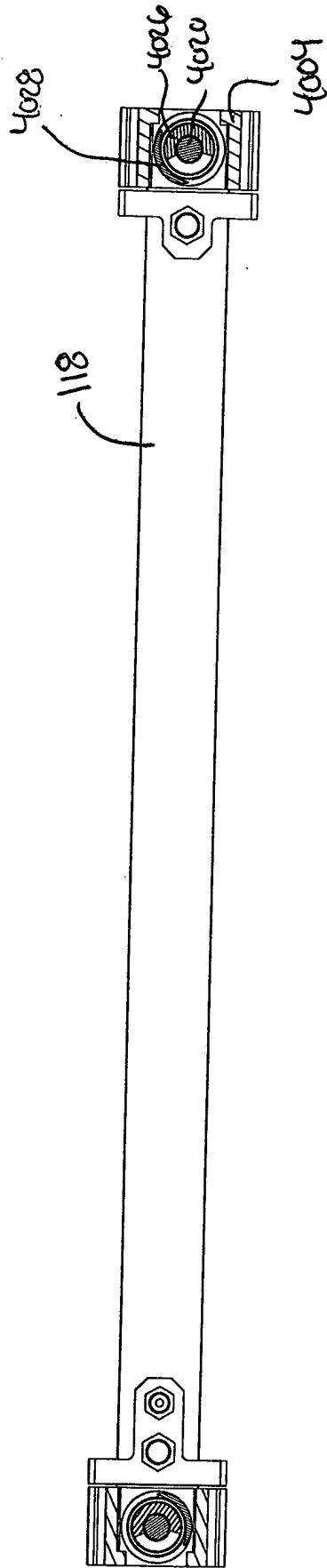
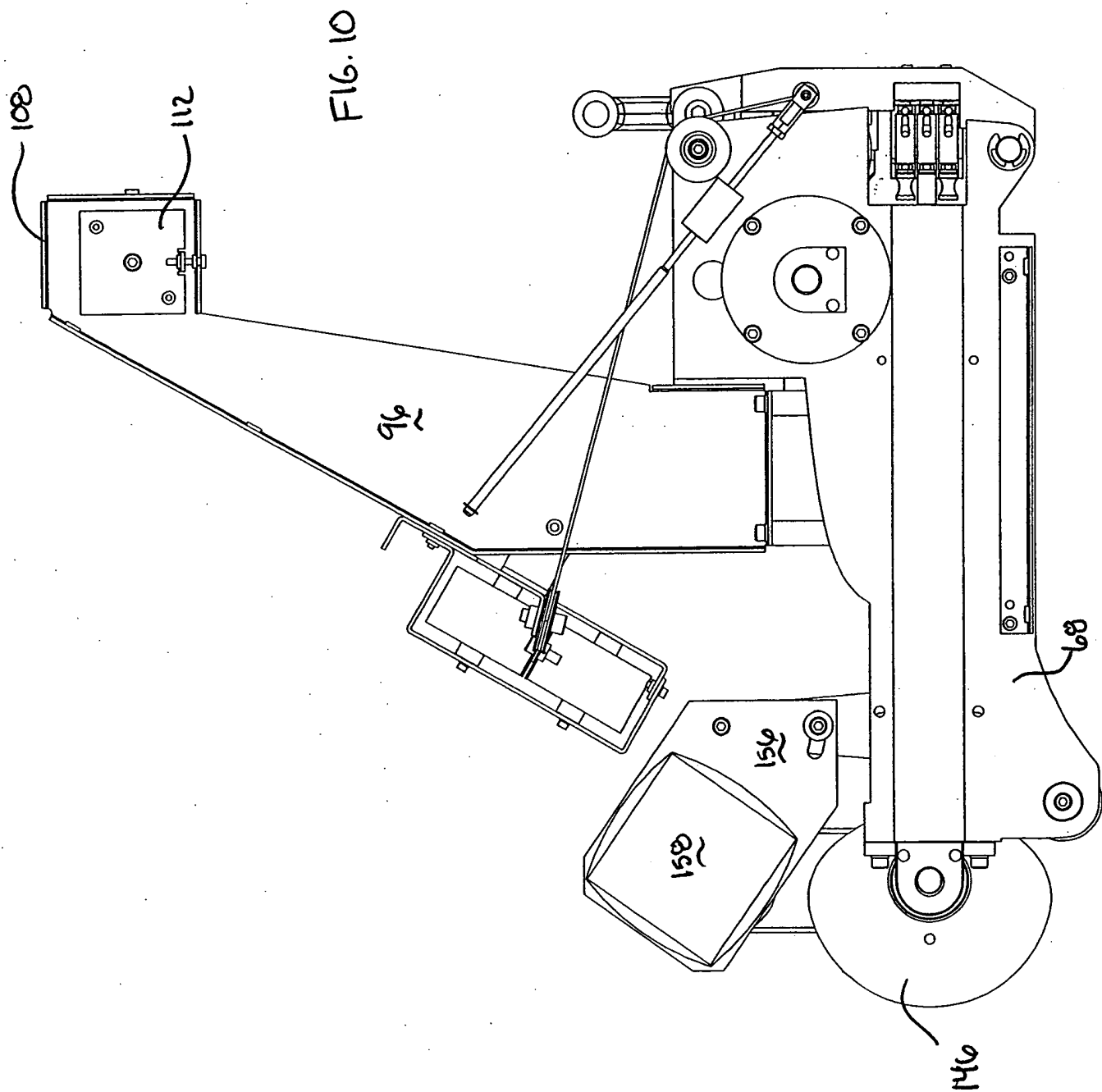
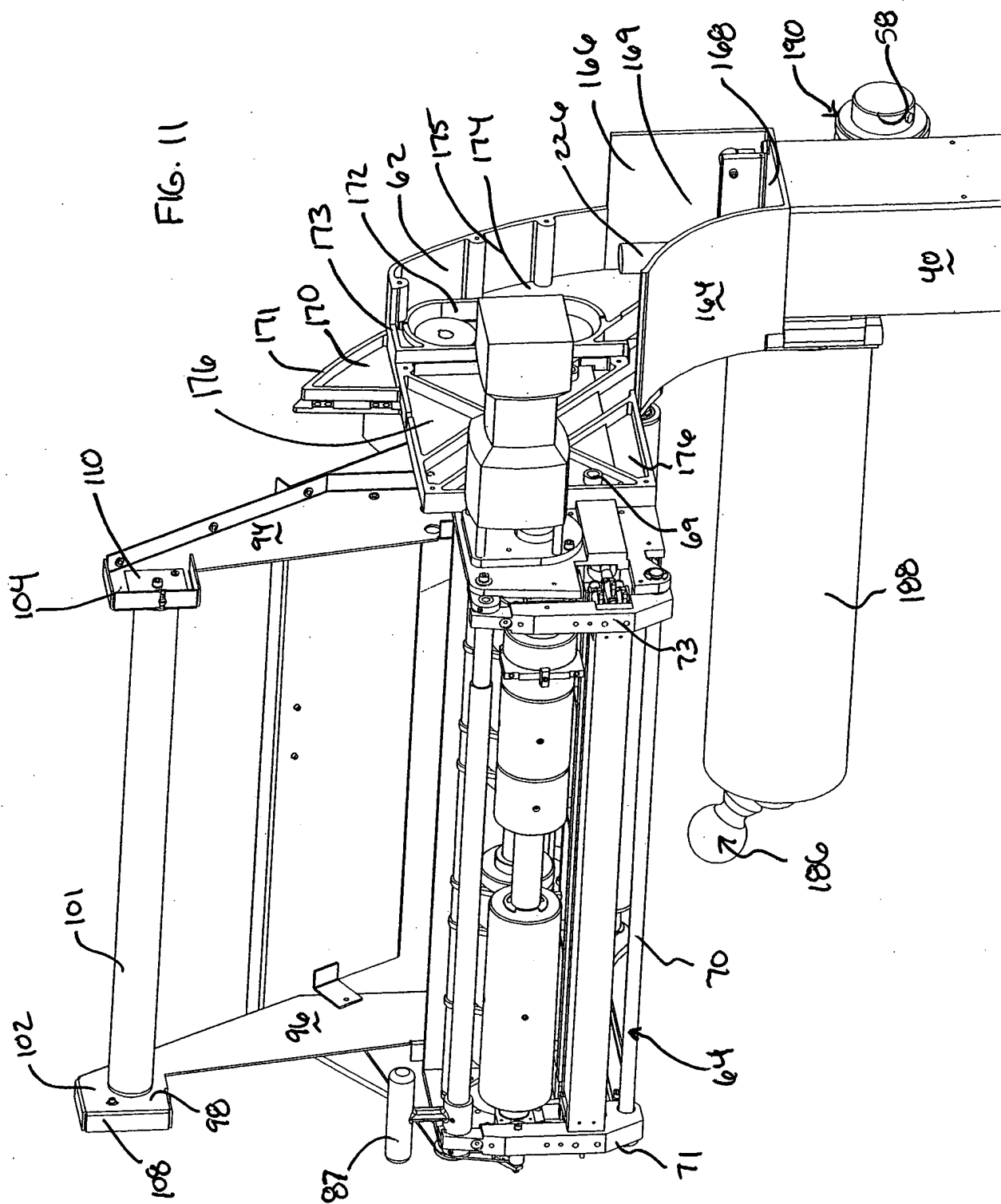
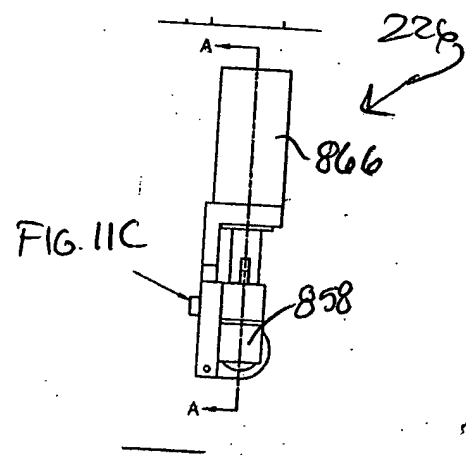
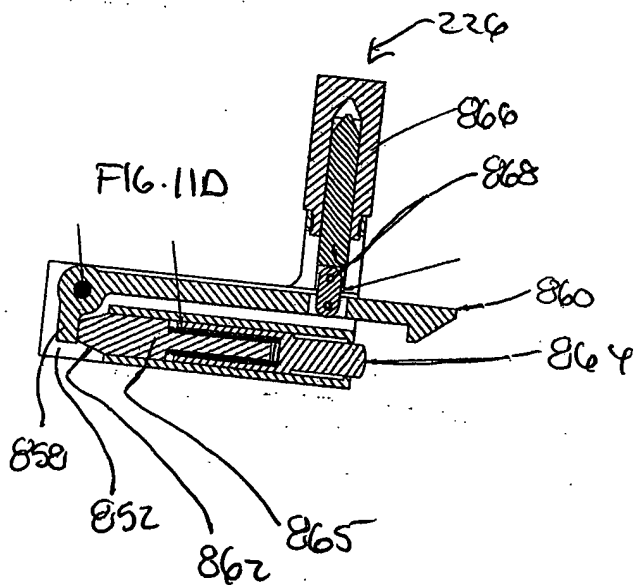
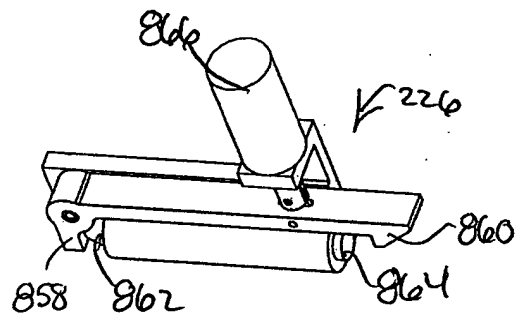
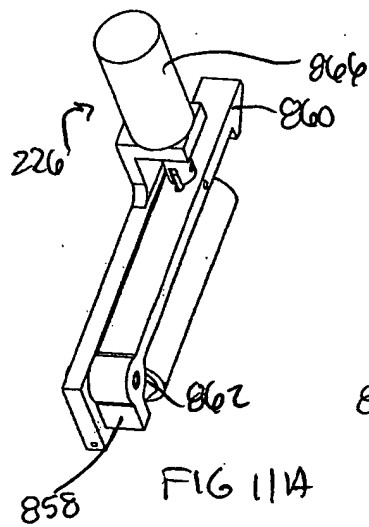


FIG. 9K







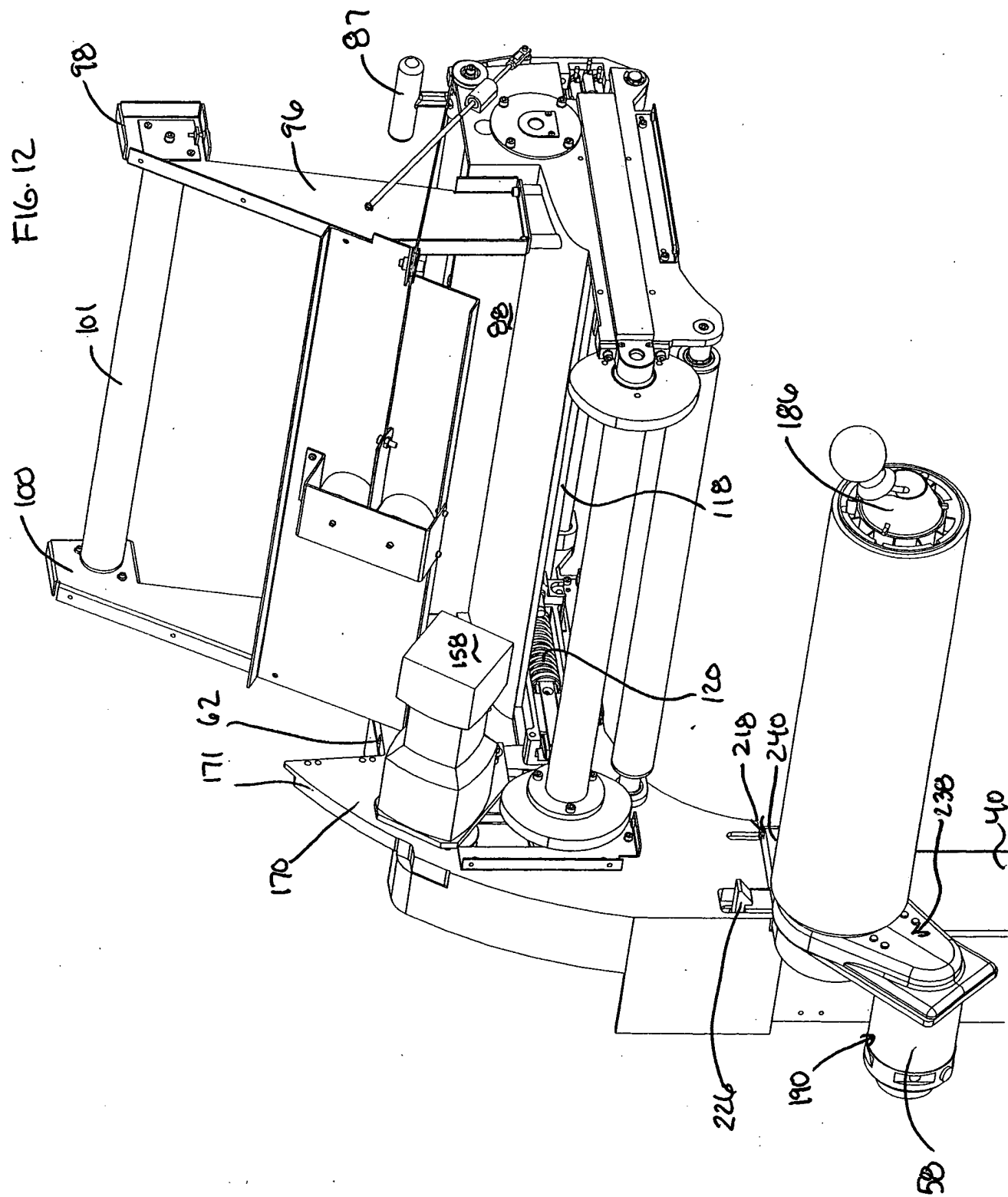
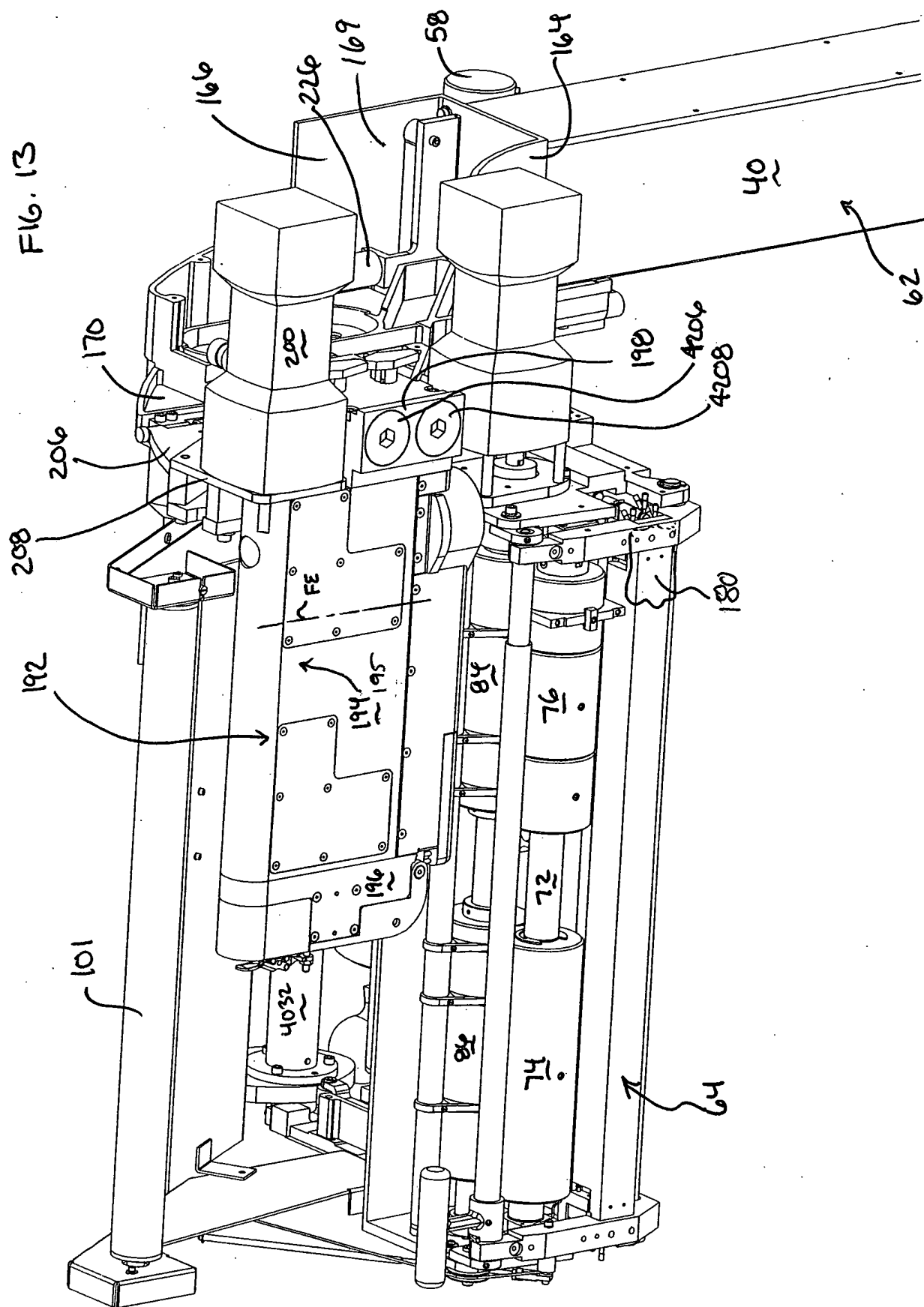


FIG. 13



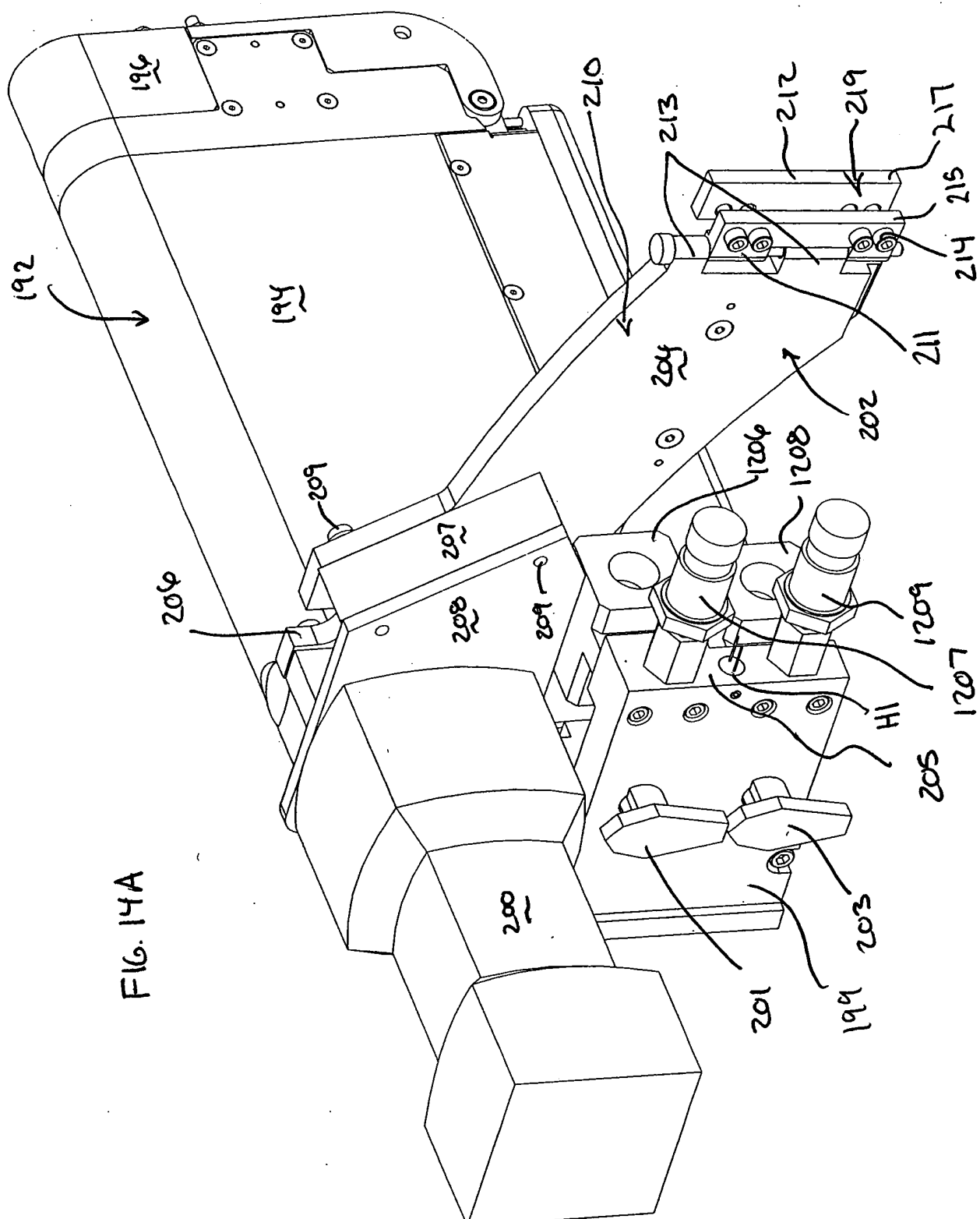
[illegible]

FIG. 14b

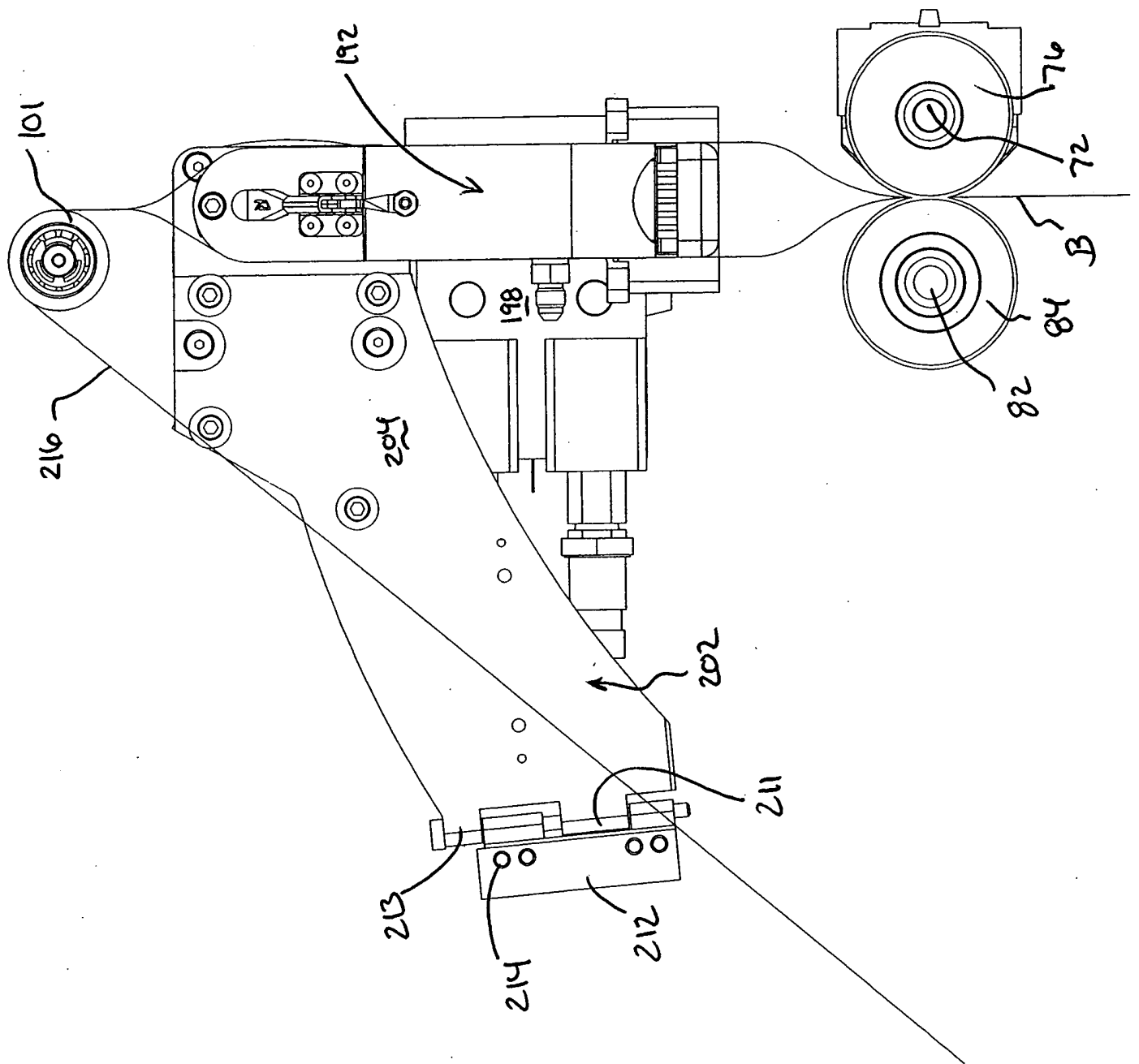


FIG 15A

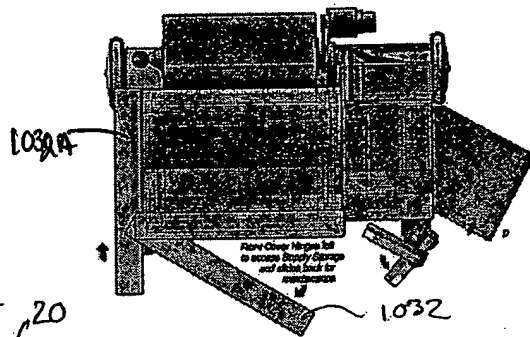


FIG. 15

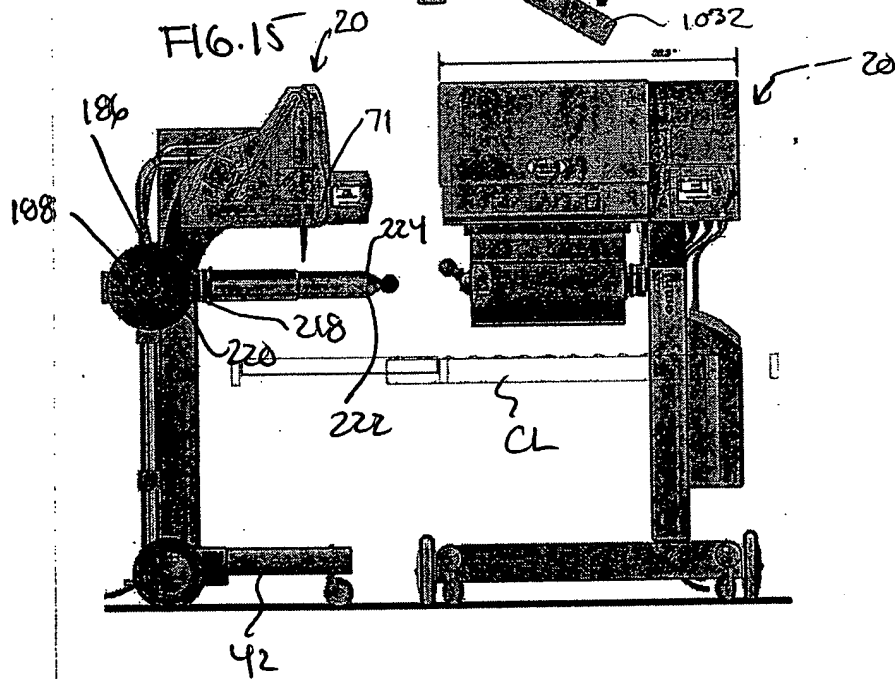
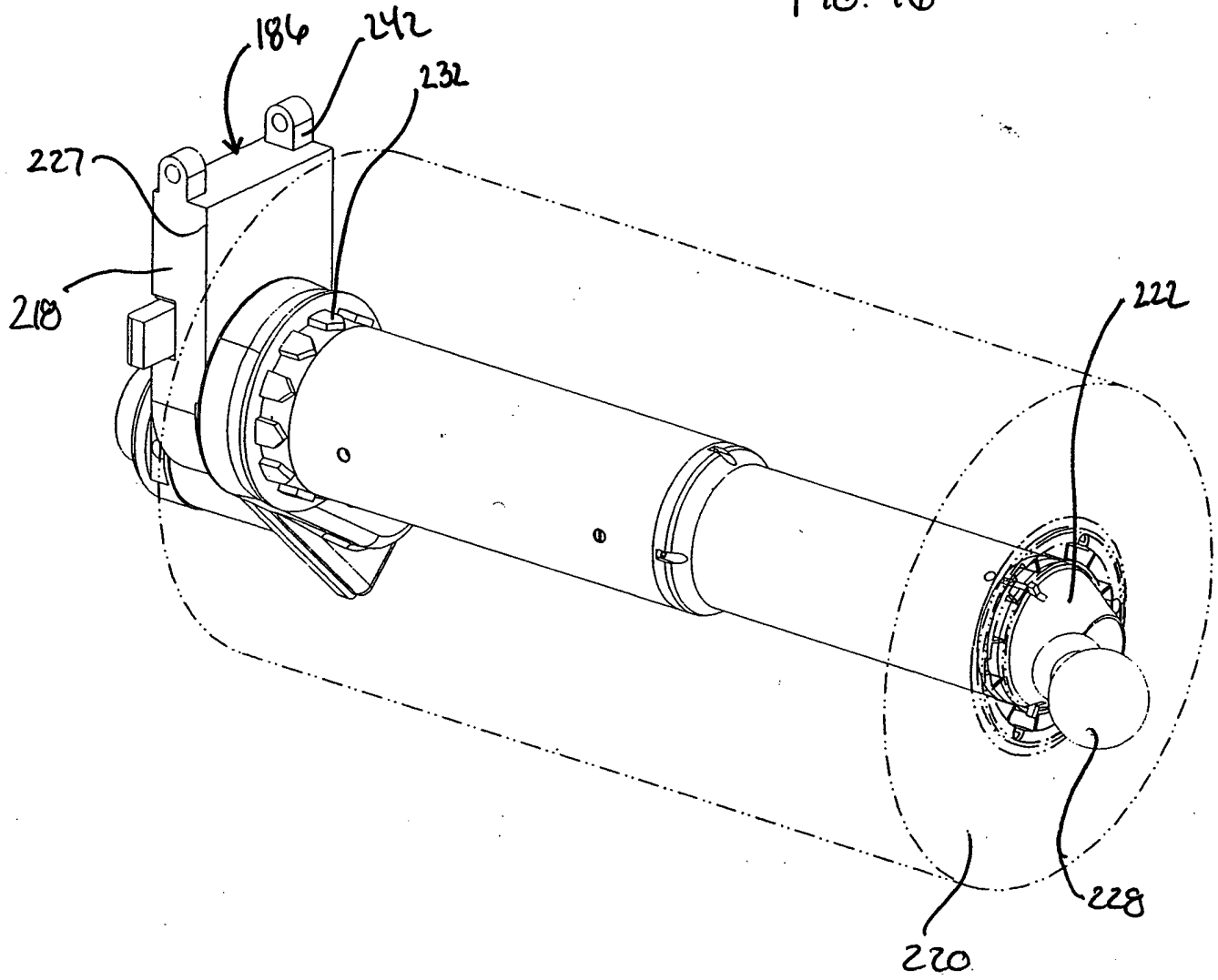
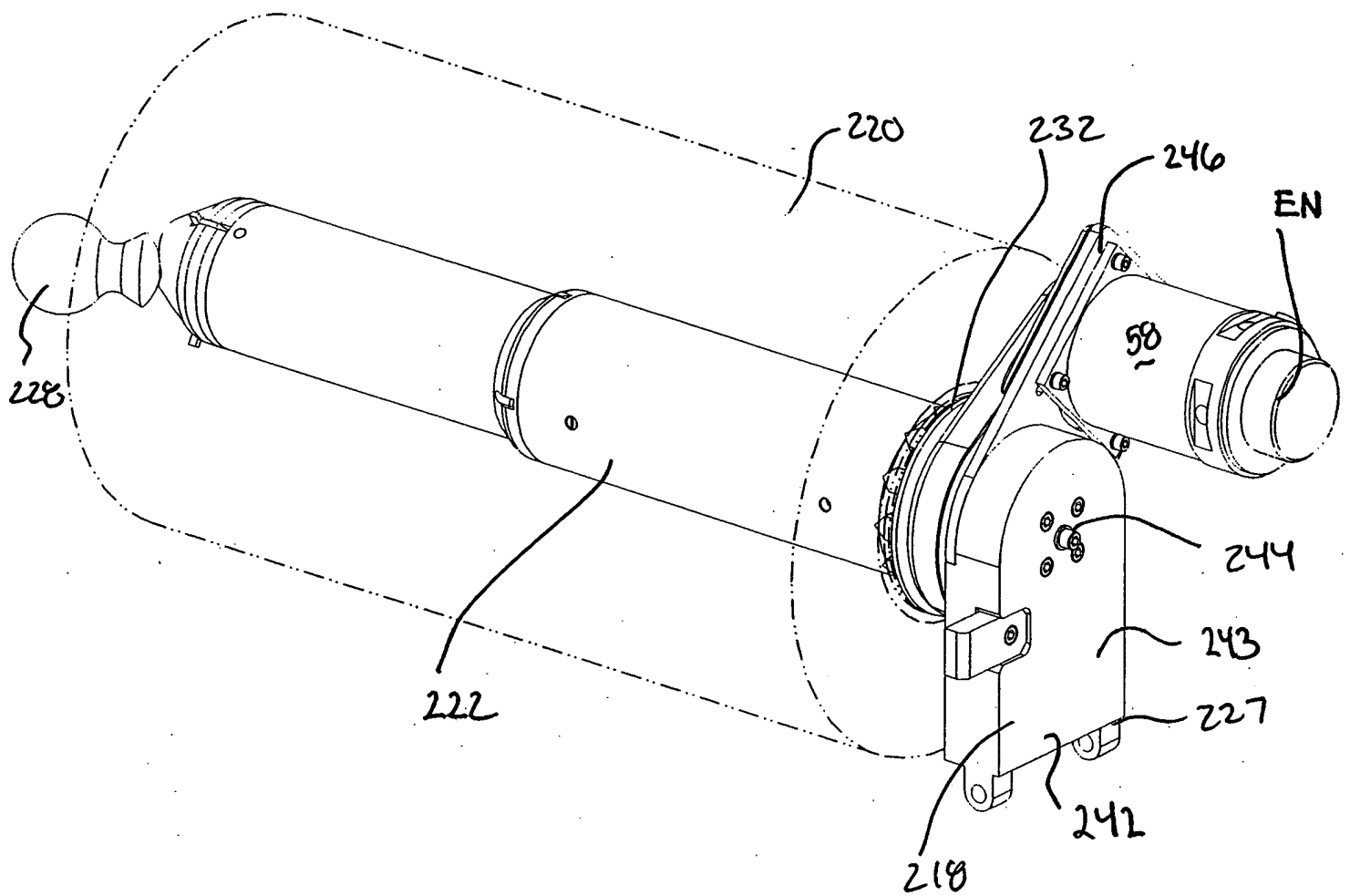


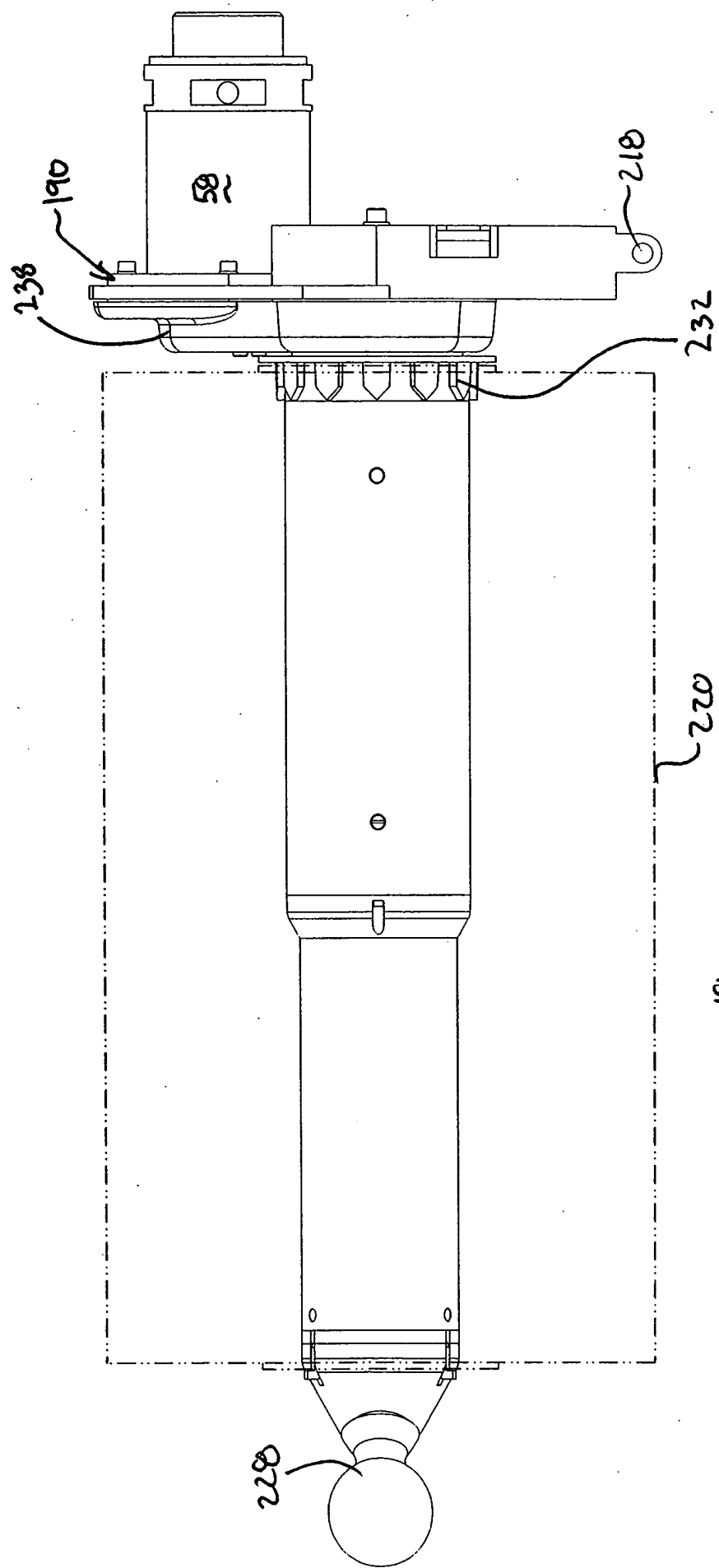
FIG 15B

FIG. 16



F16.17





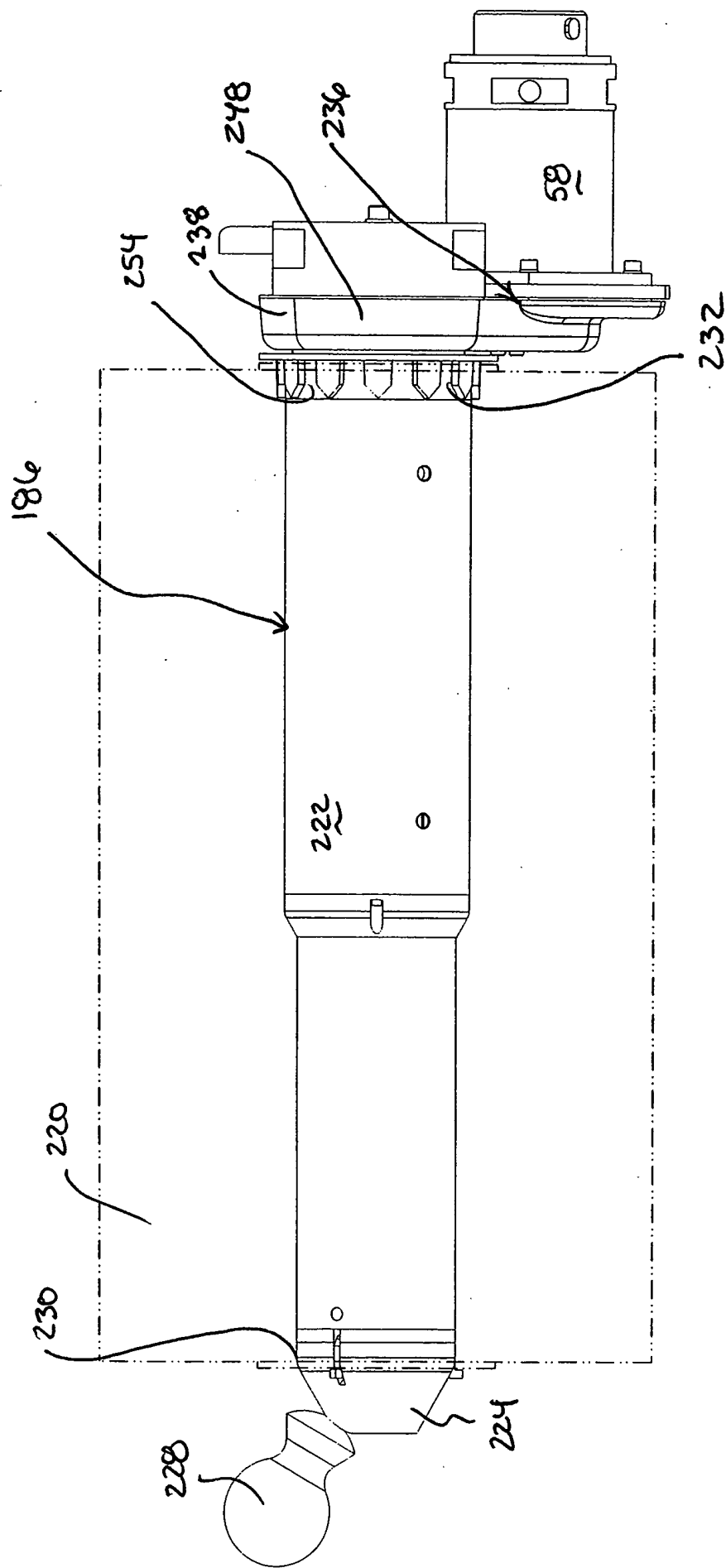
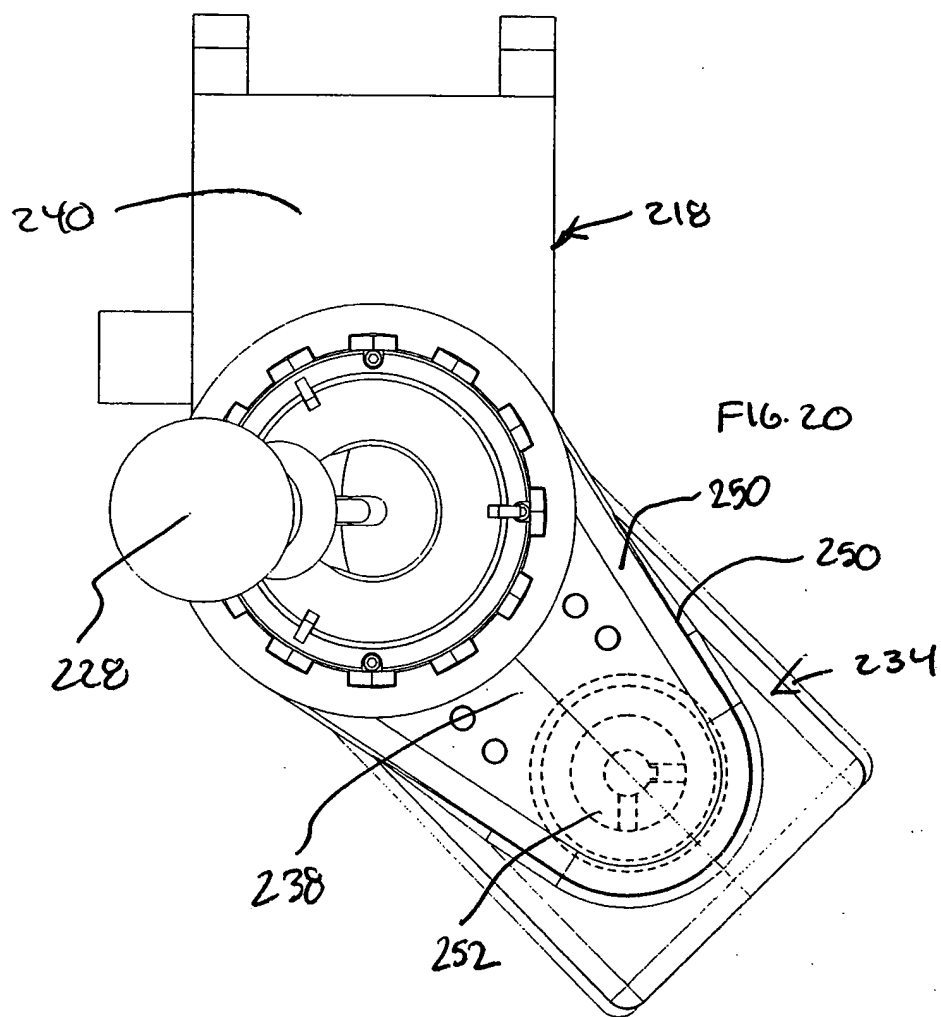


FIG. 19



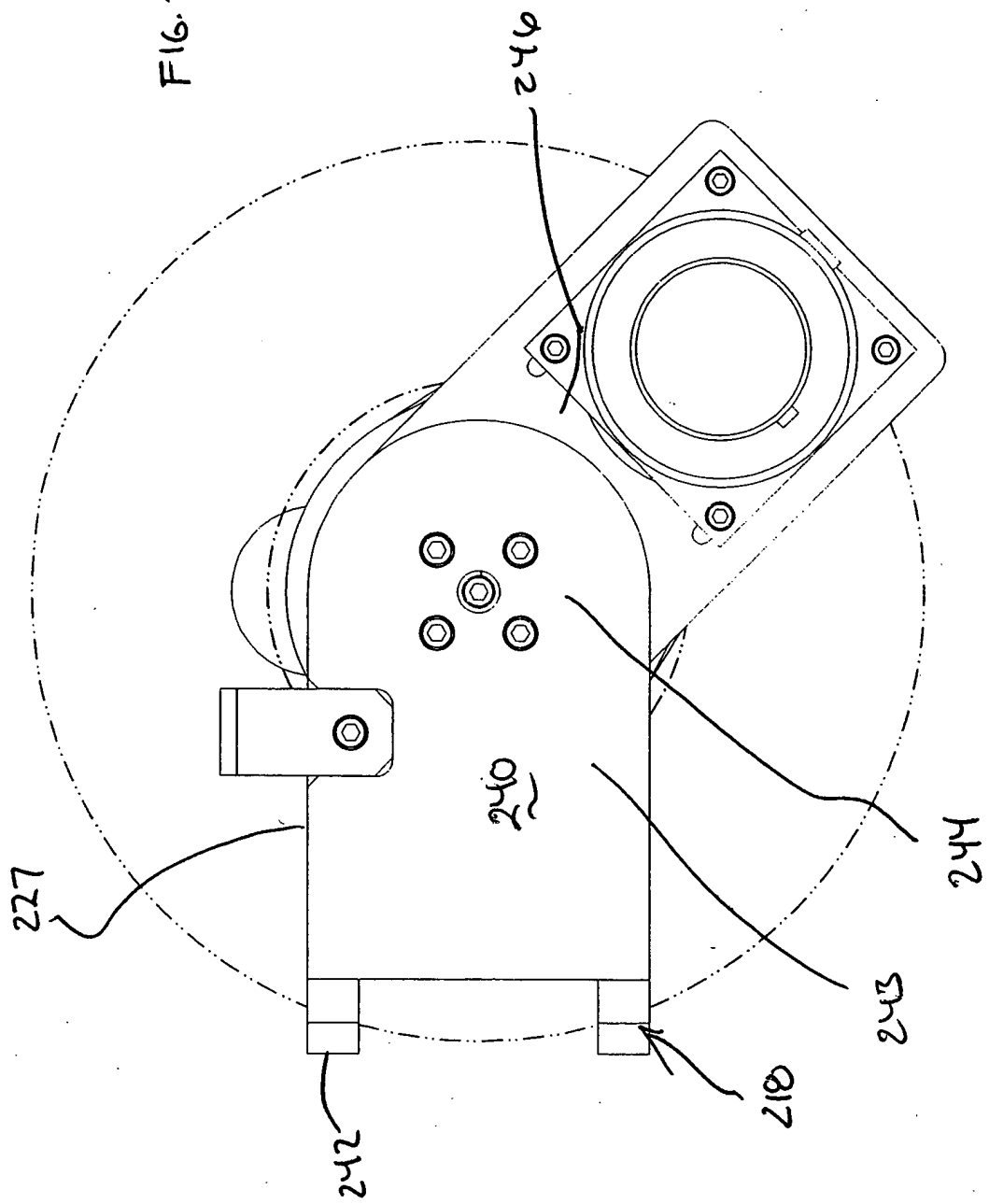


FIG. 21

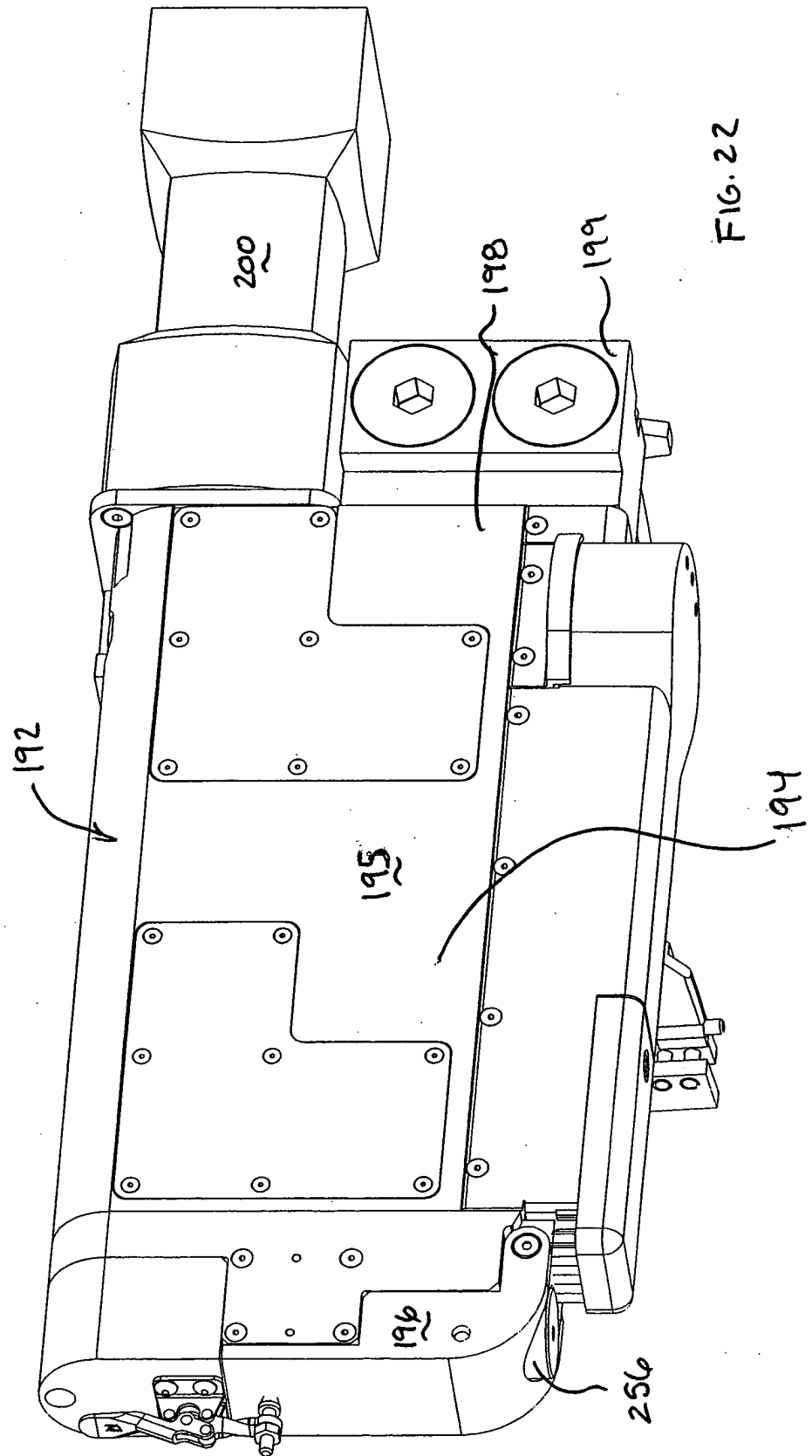
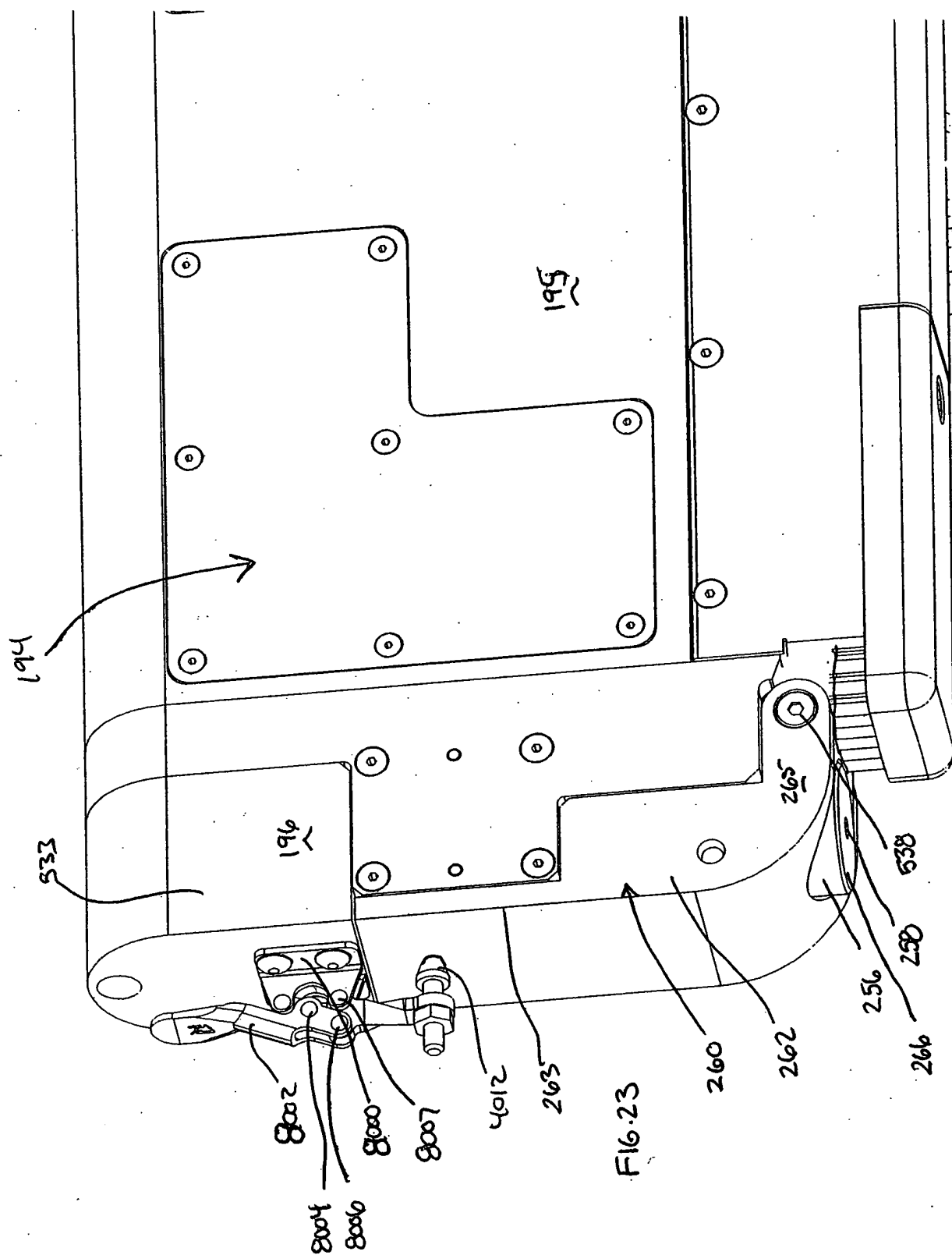


FIG. 22



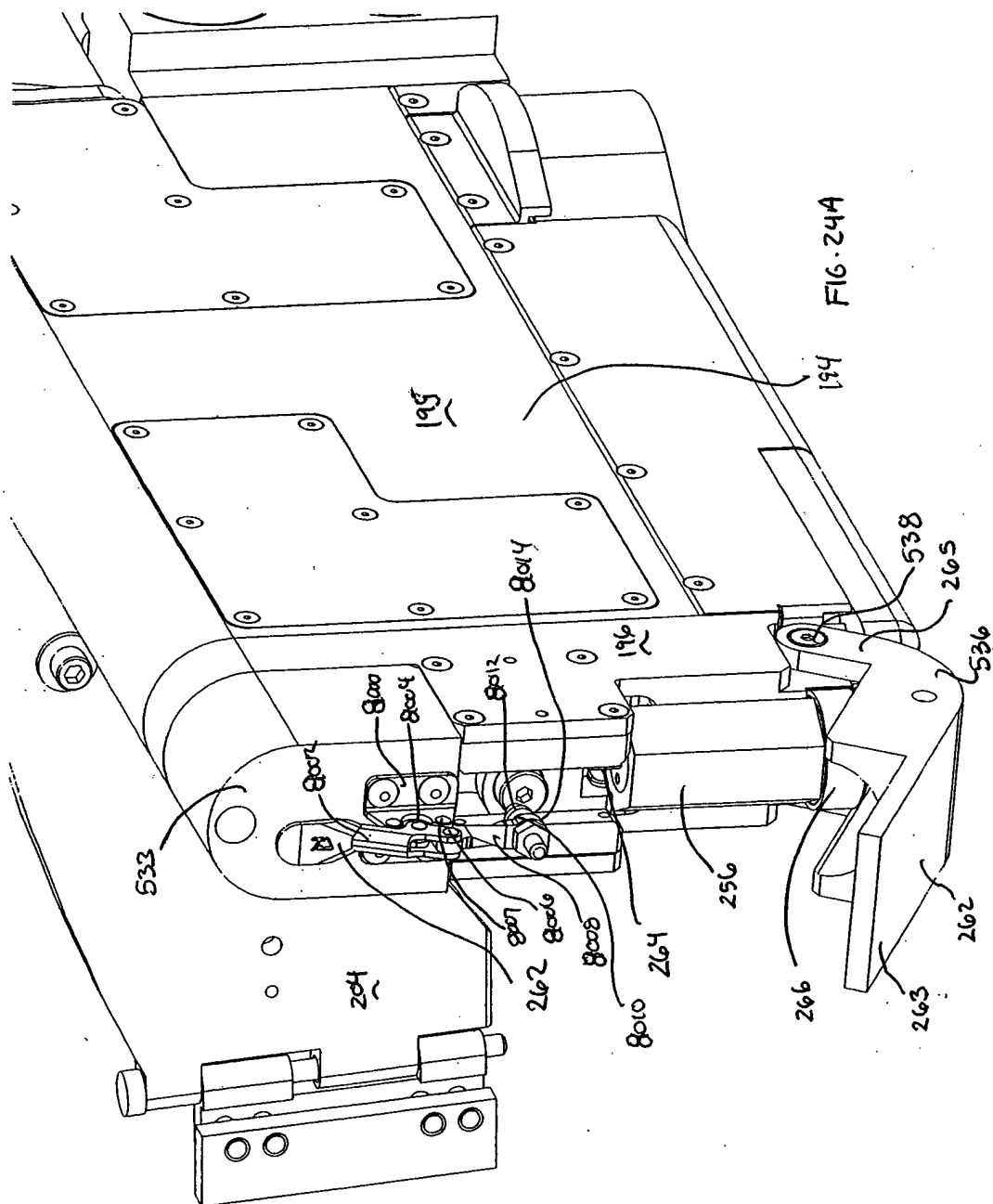


FIG. 24A

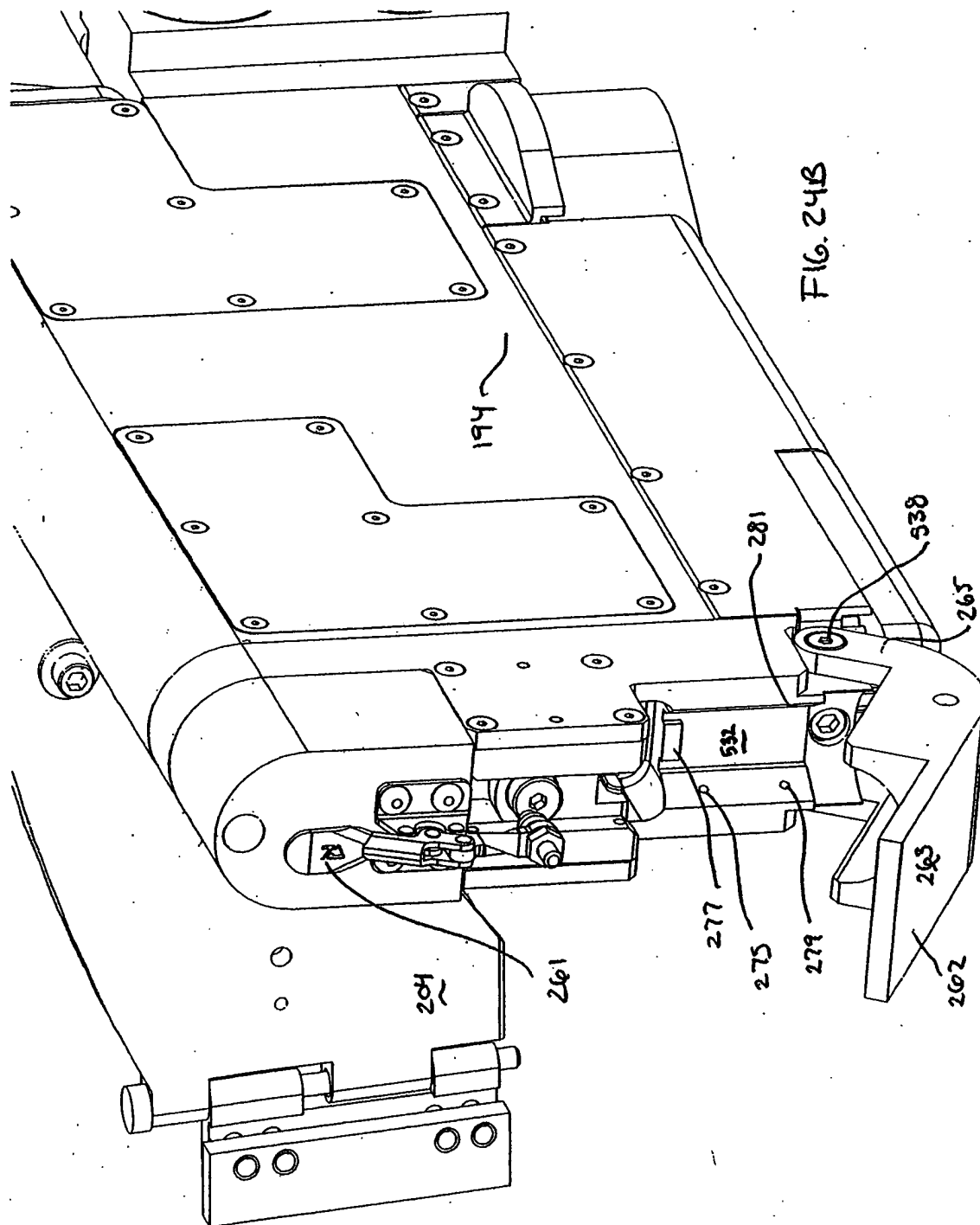


FIG. 24B

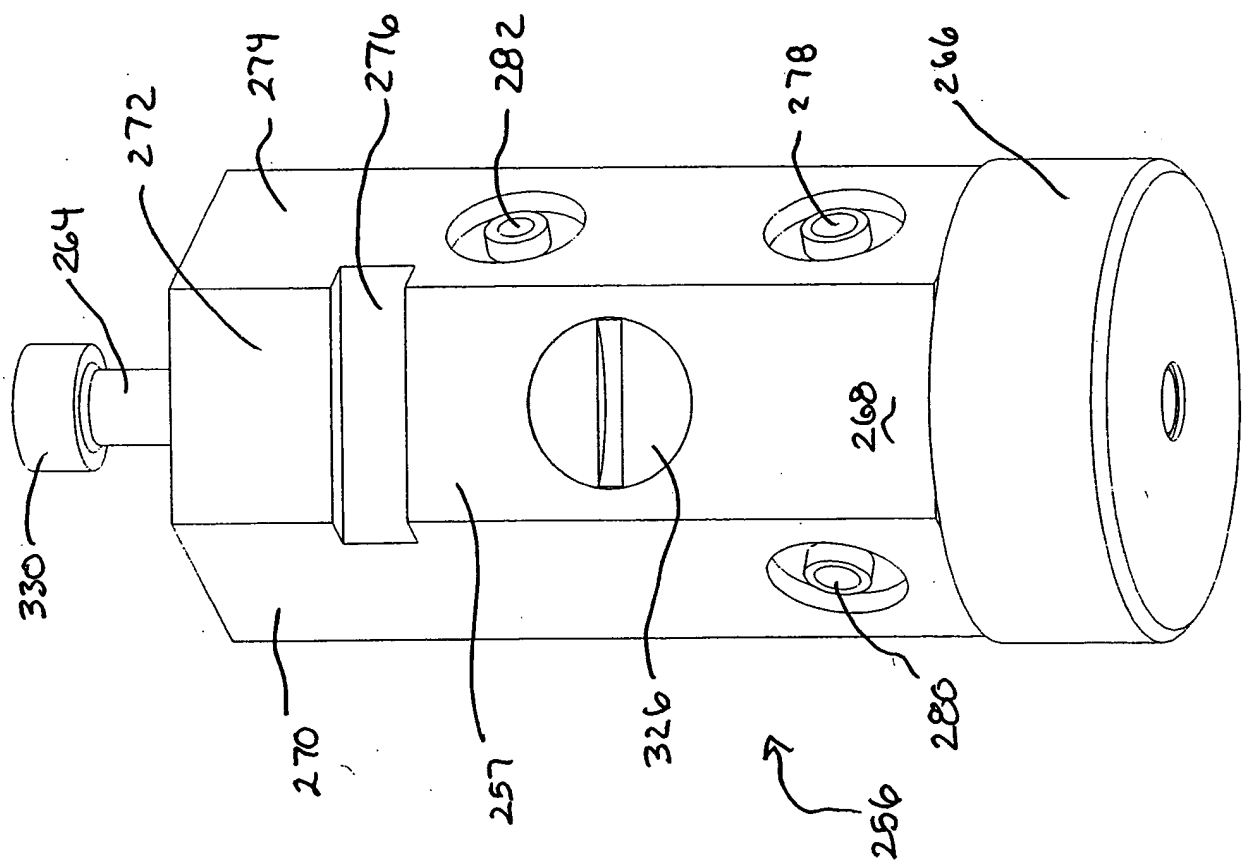


FIG. 25

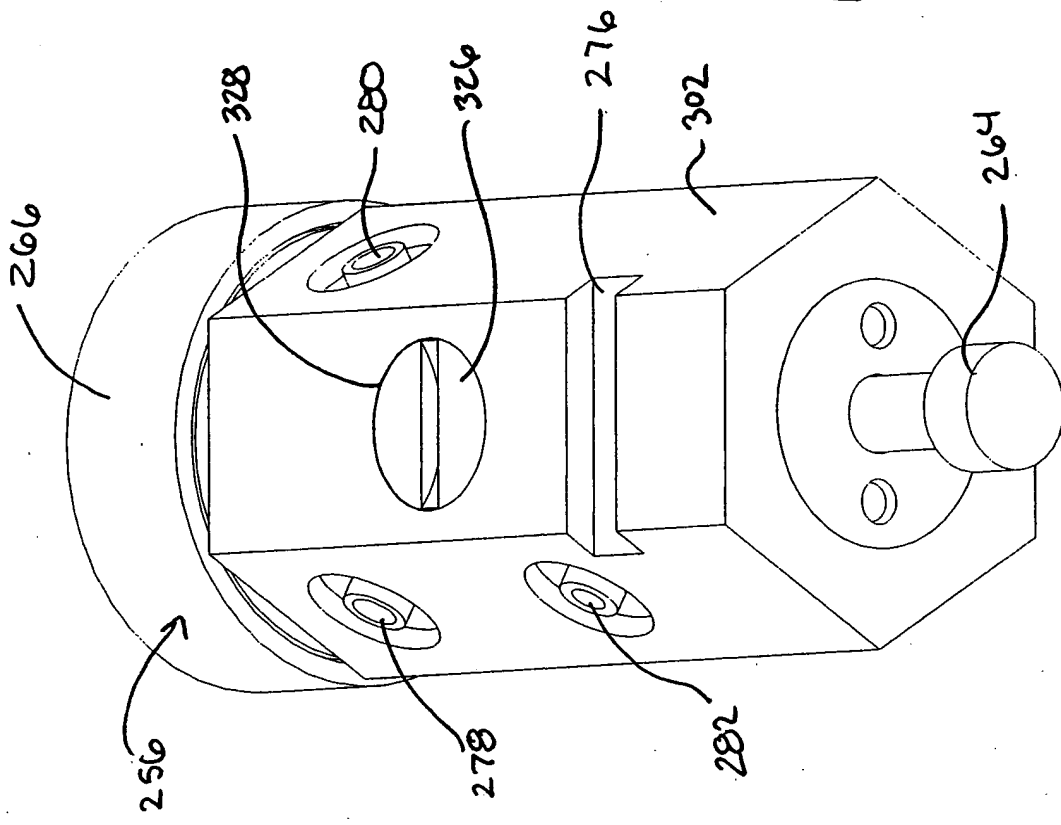


FIG. 26

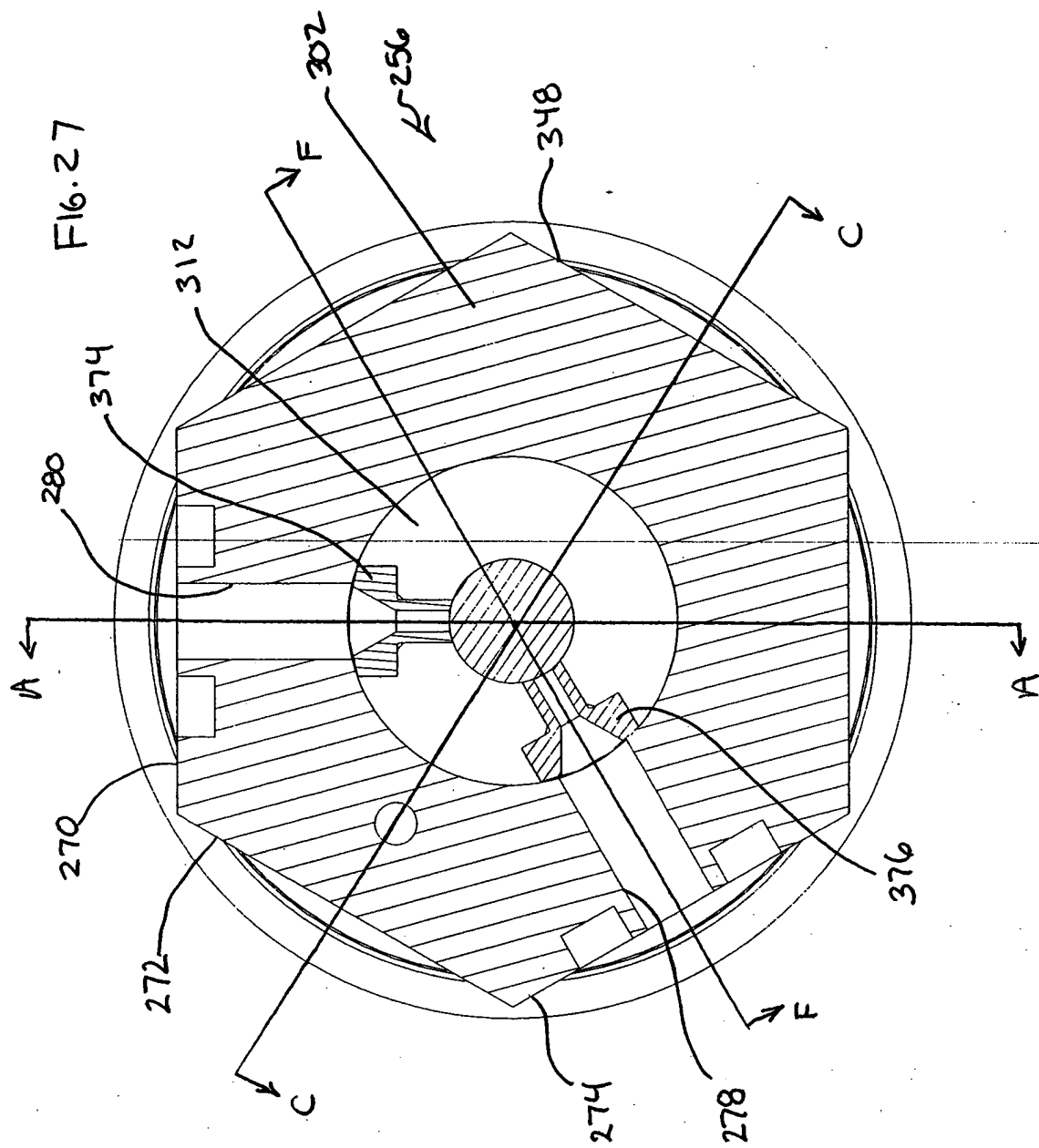
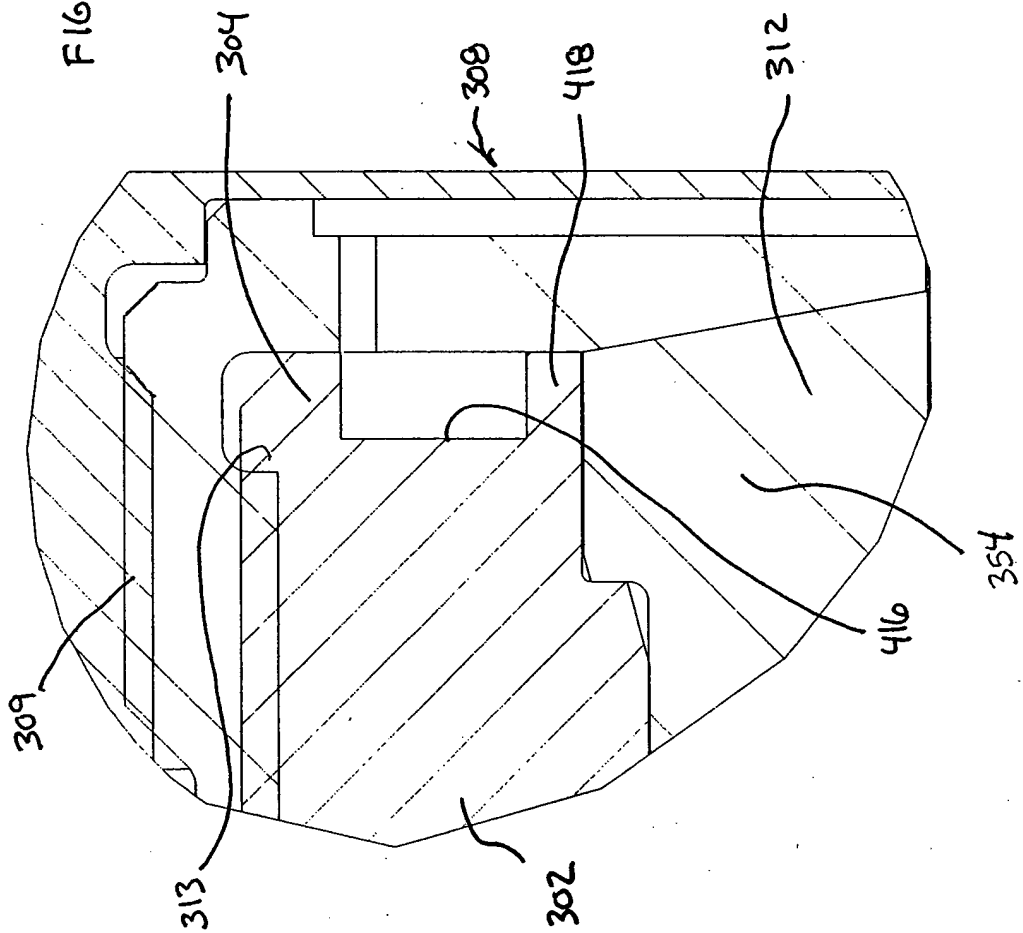


FIG. 28A



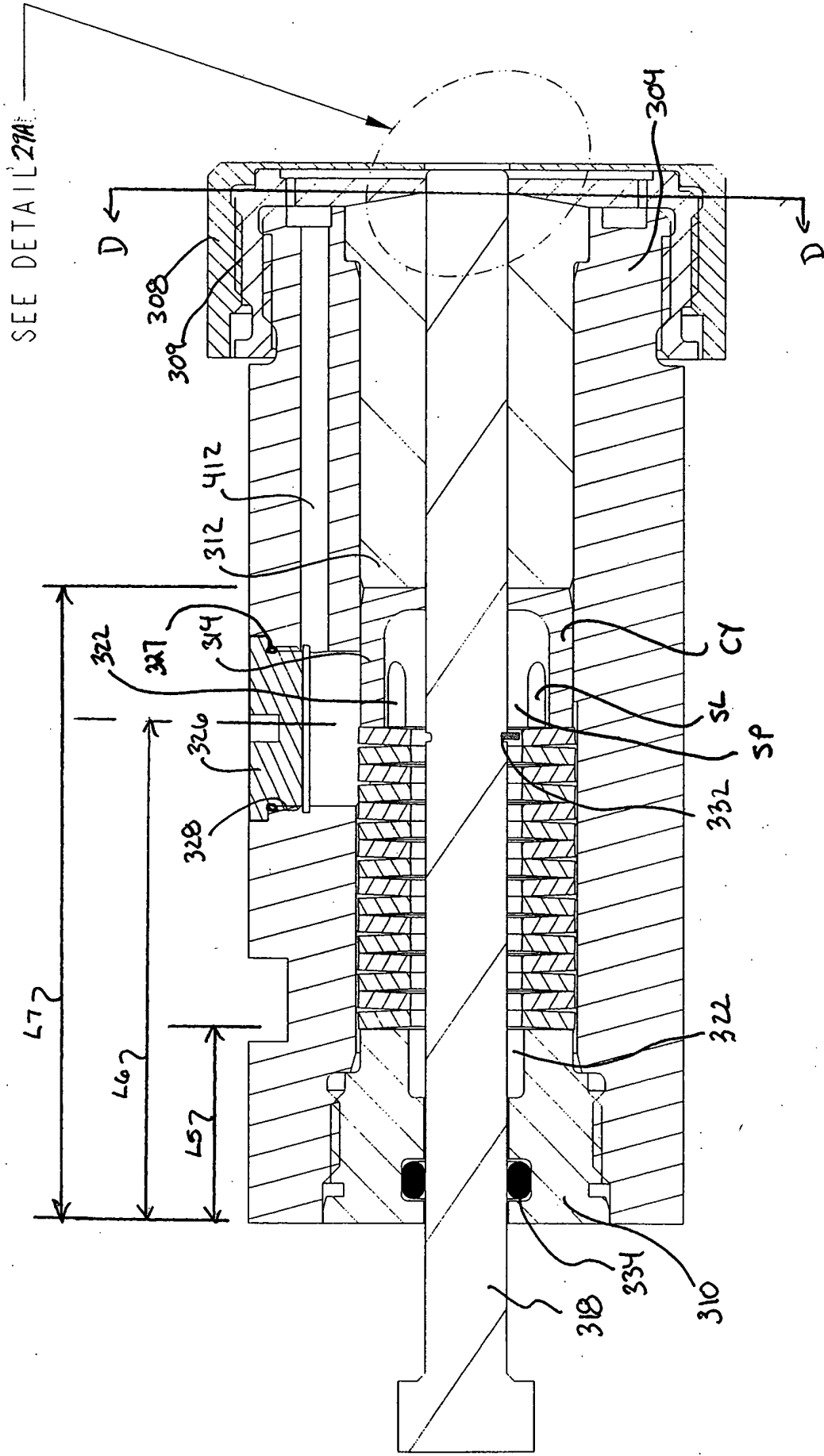


FIG. 29

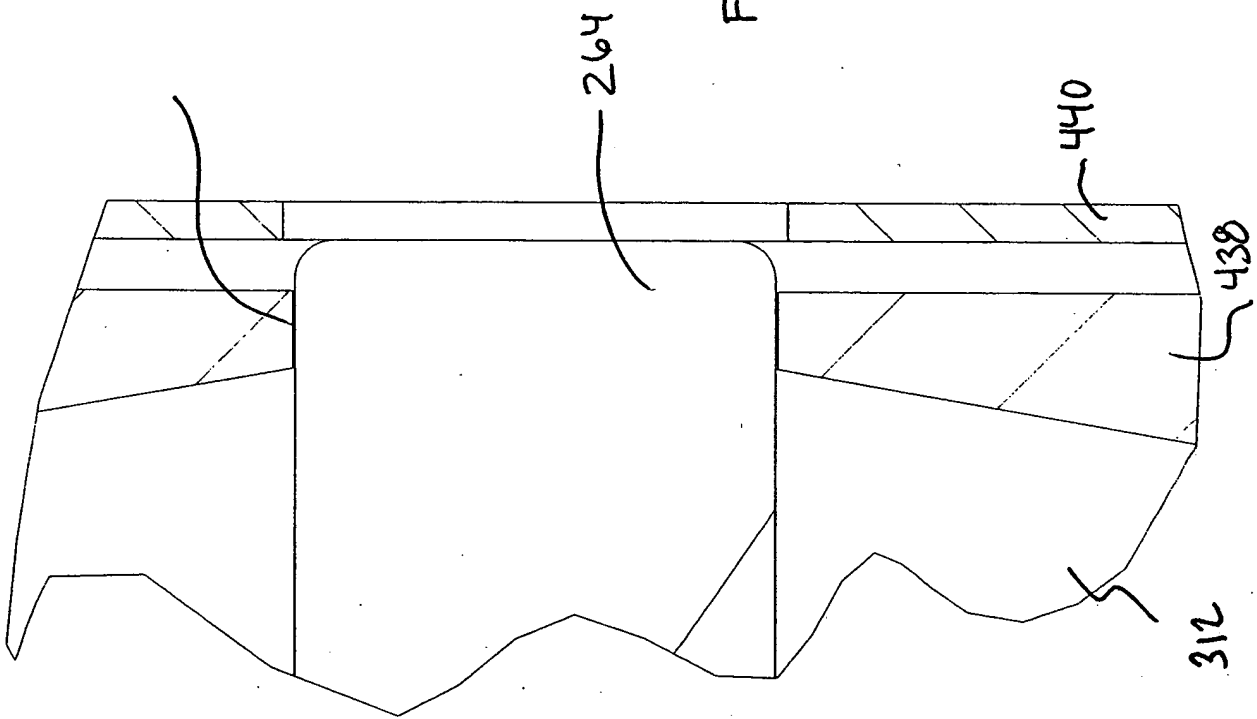
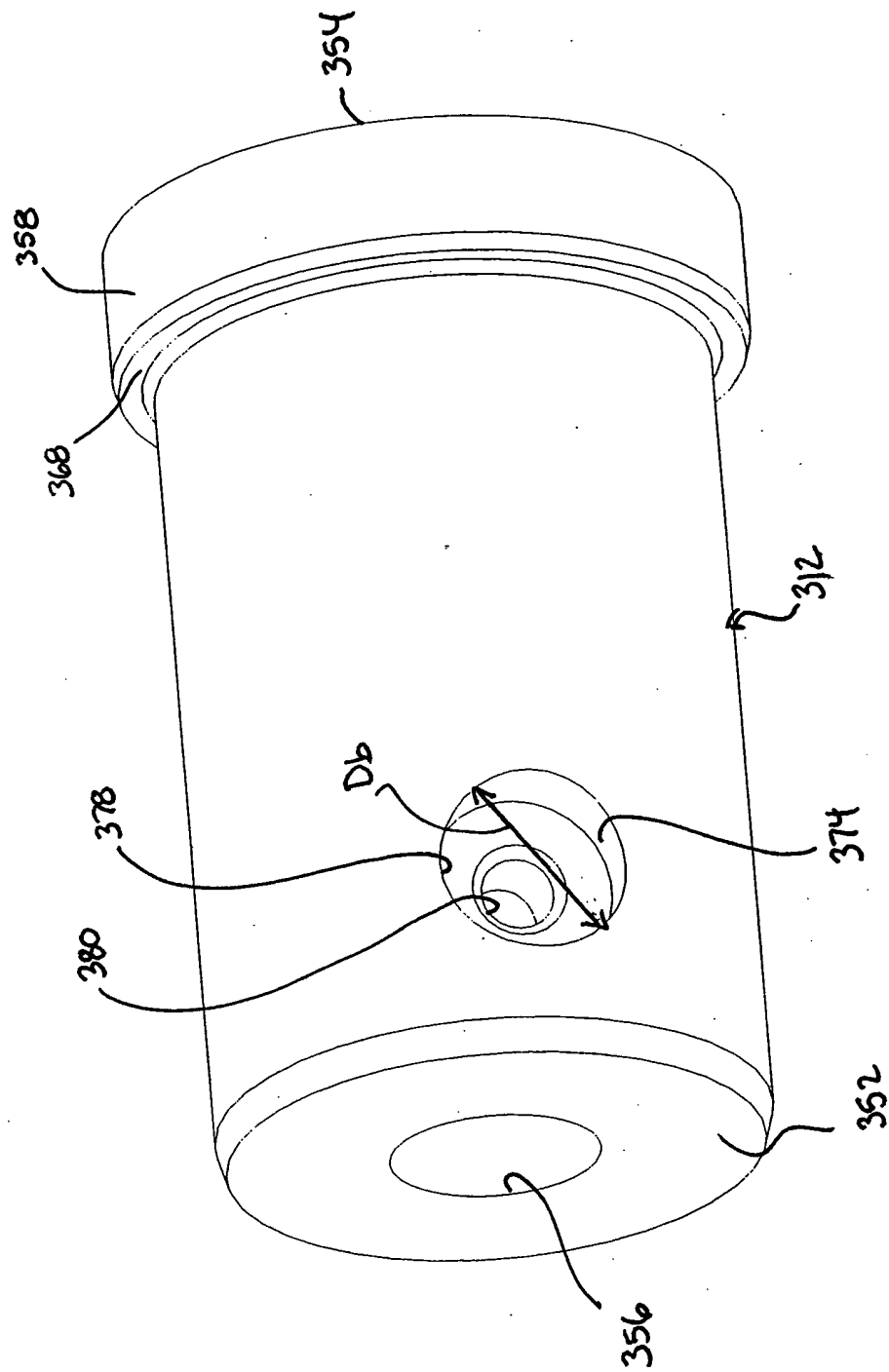
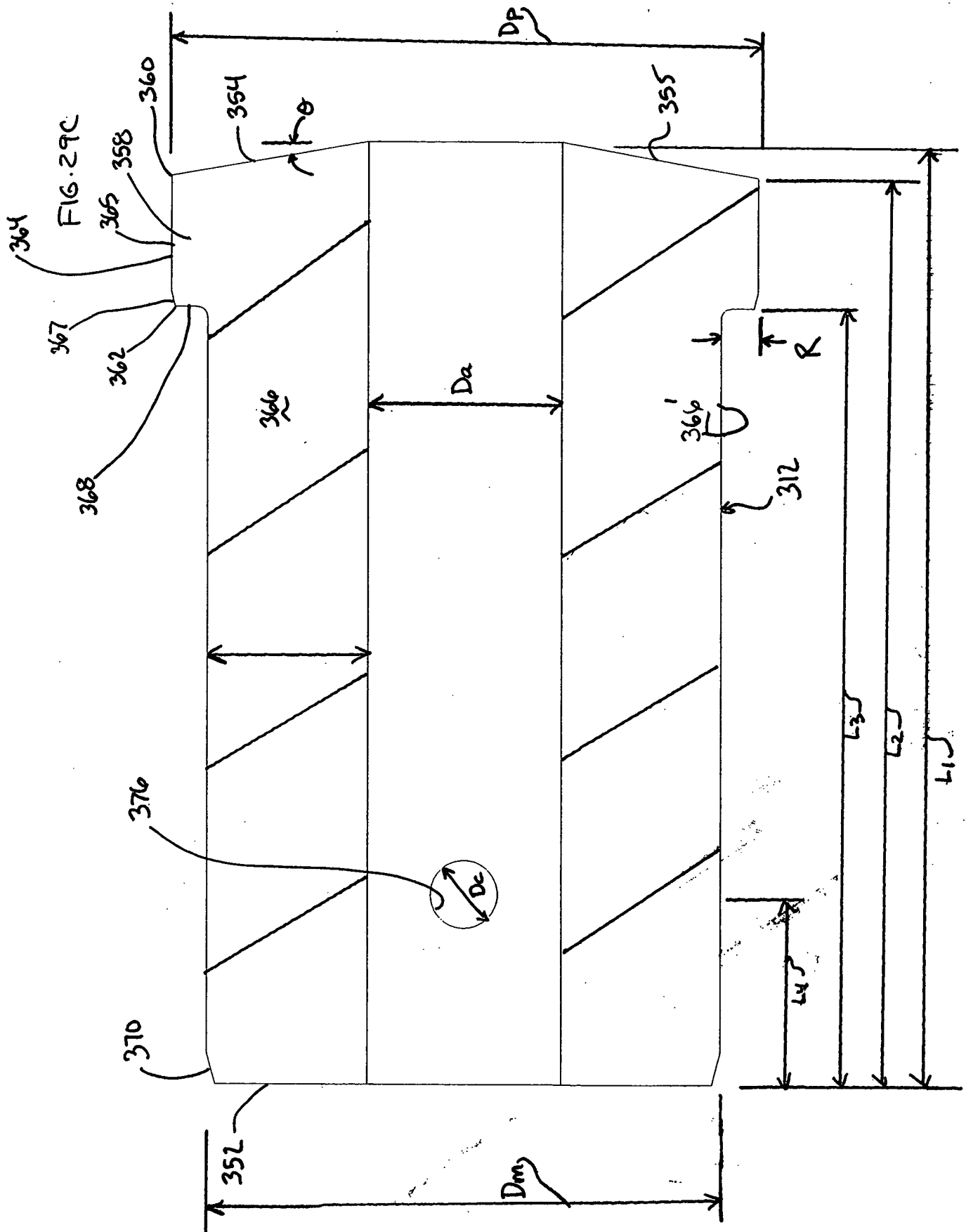


FIG. 29A

FIG. 29B





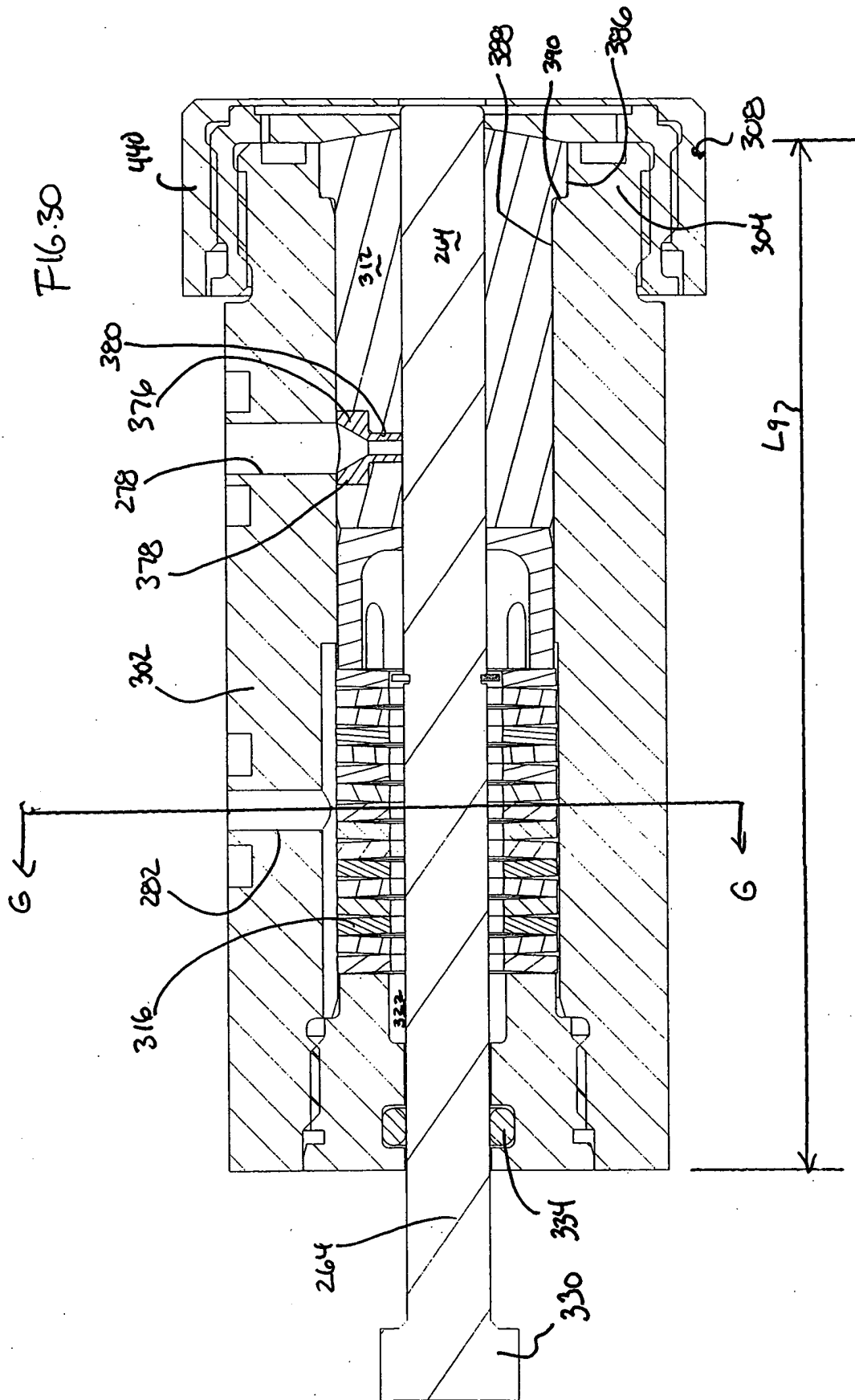
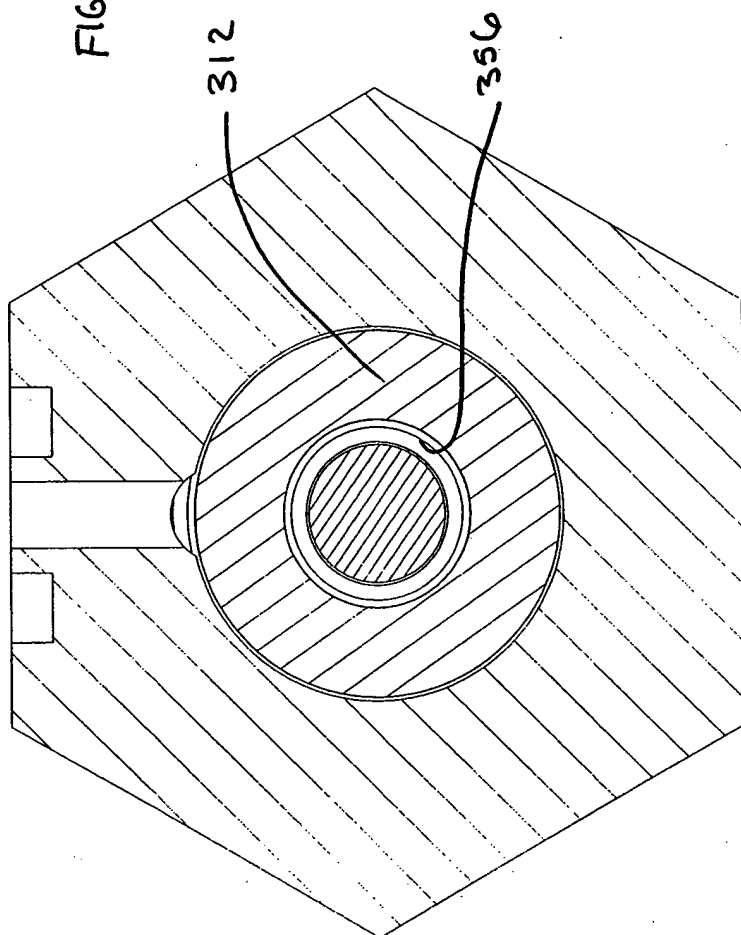


FIG. 31



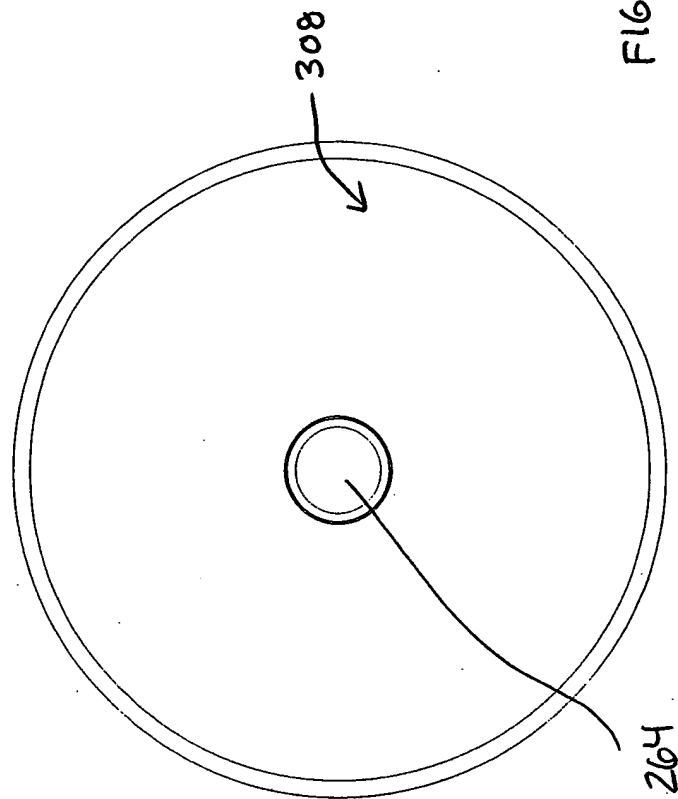
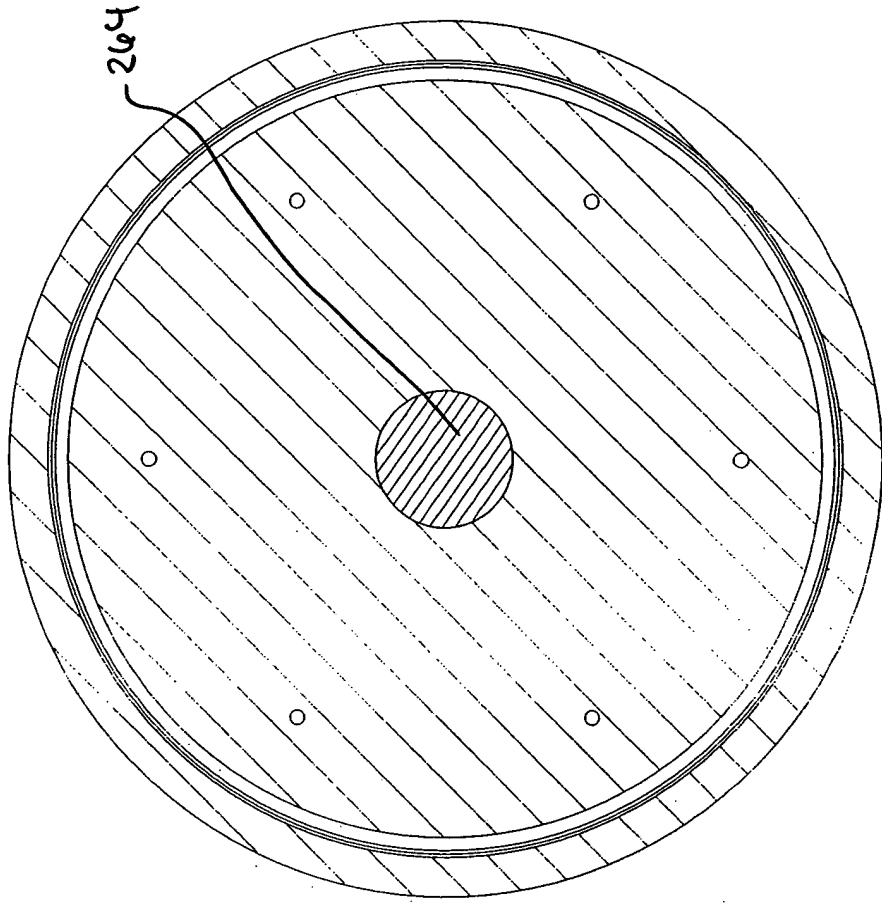
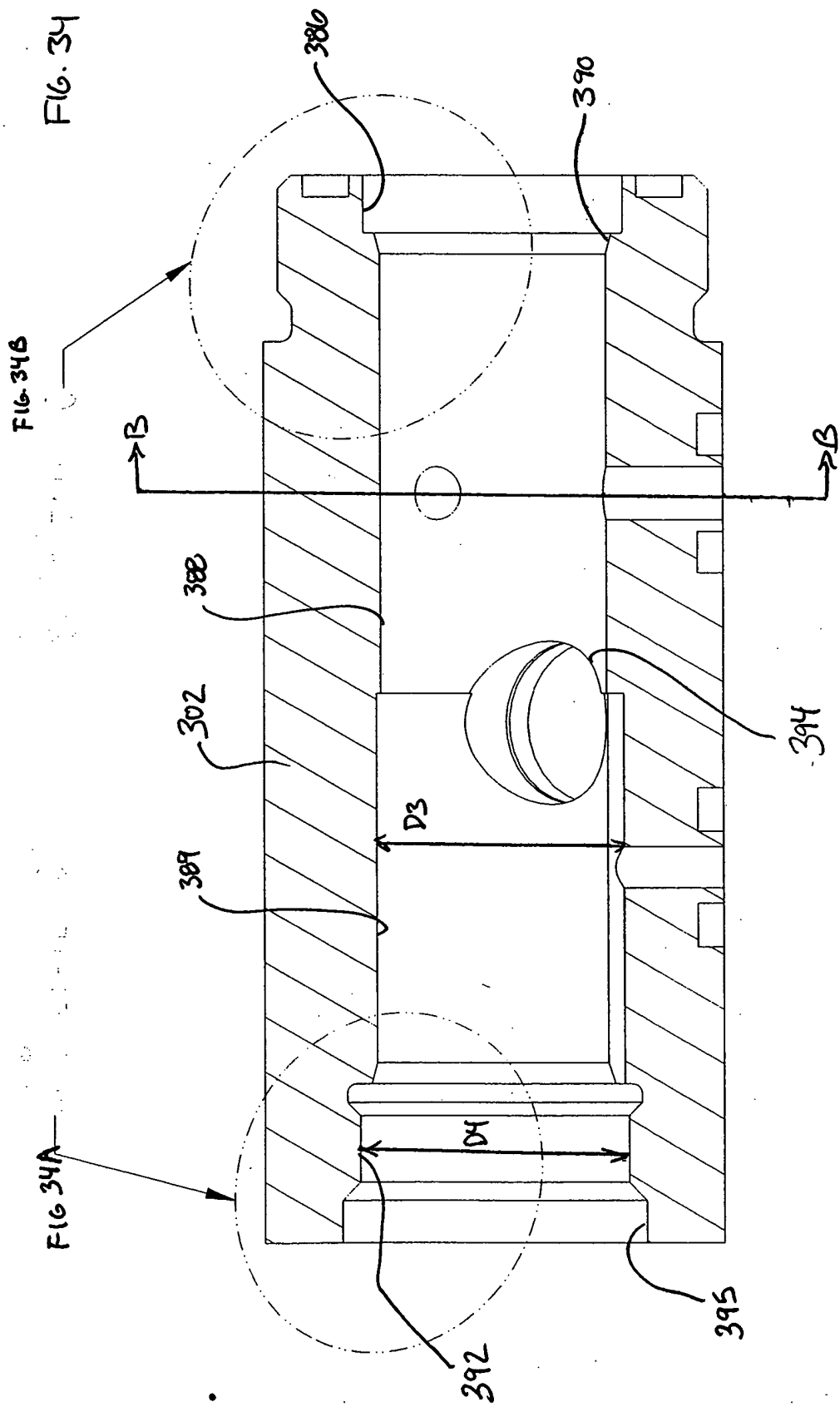


FIG. 32

FIG. 33





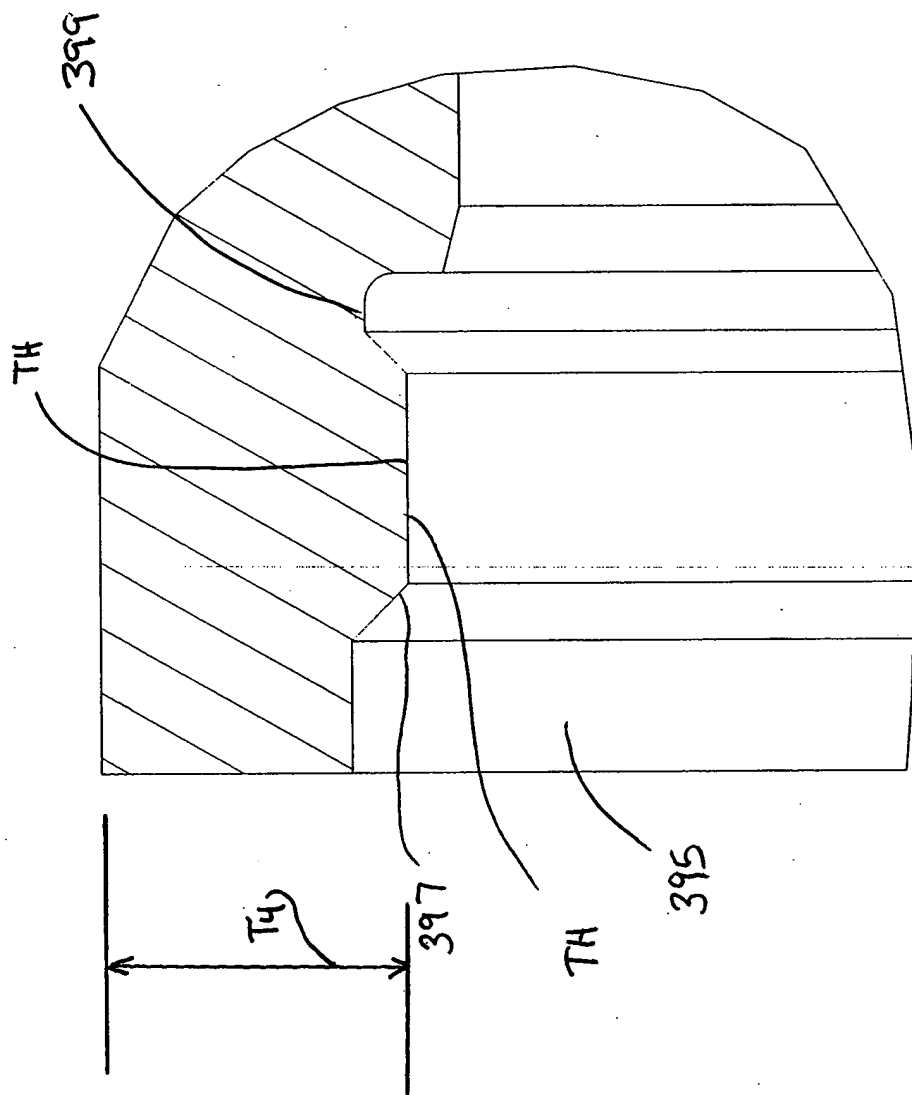


FIG. 34A

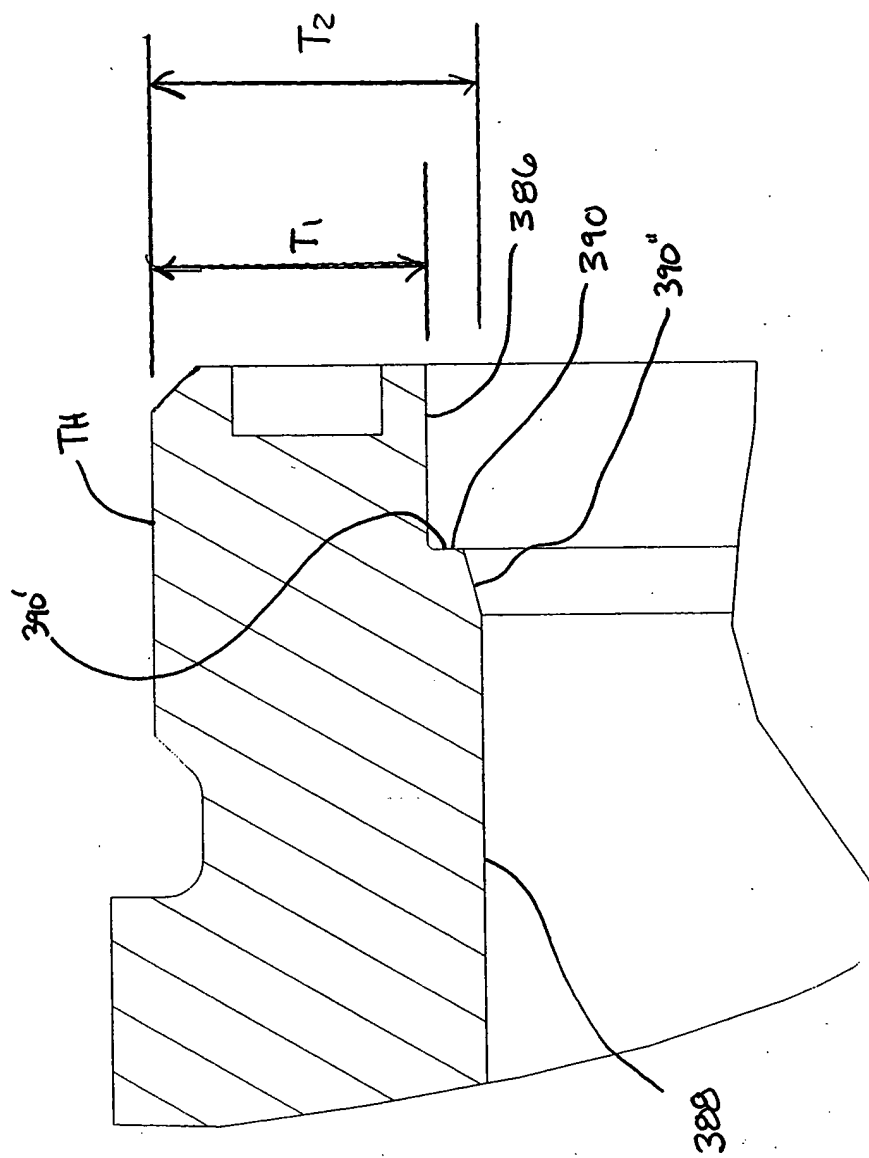


FIG. 34B

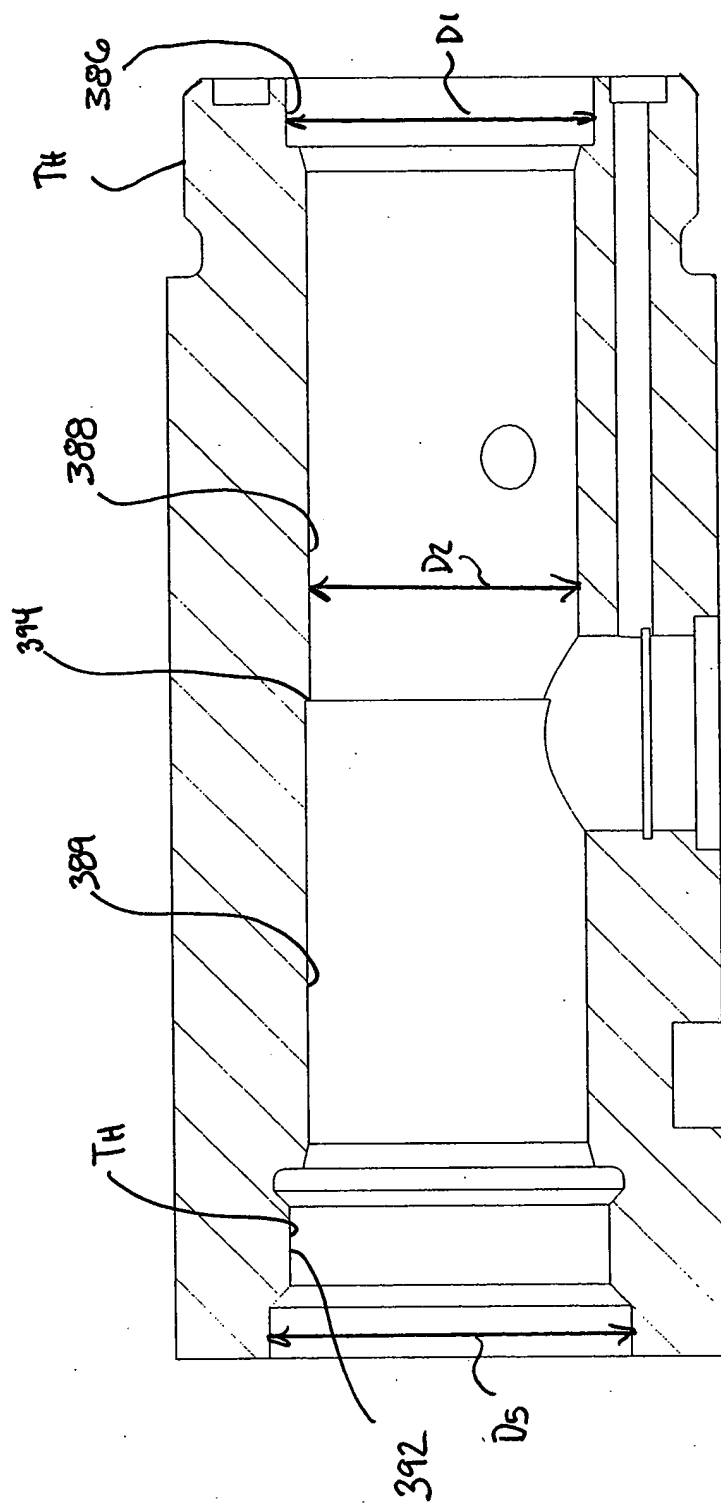


FIG. 35

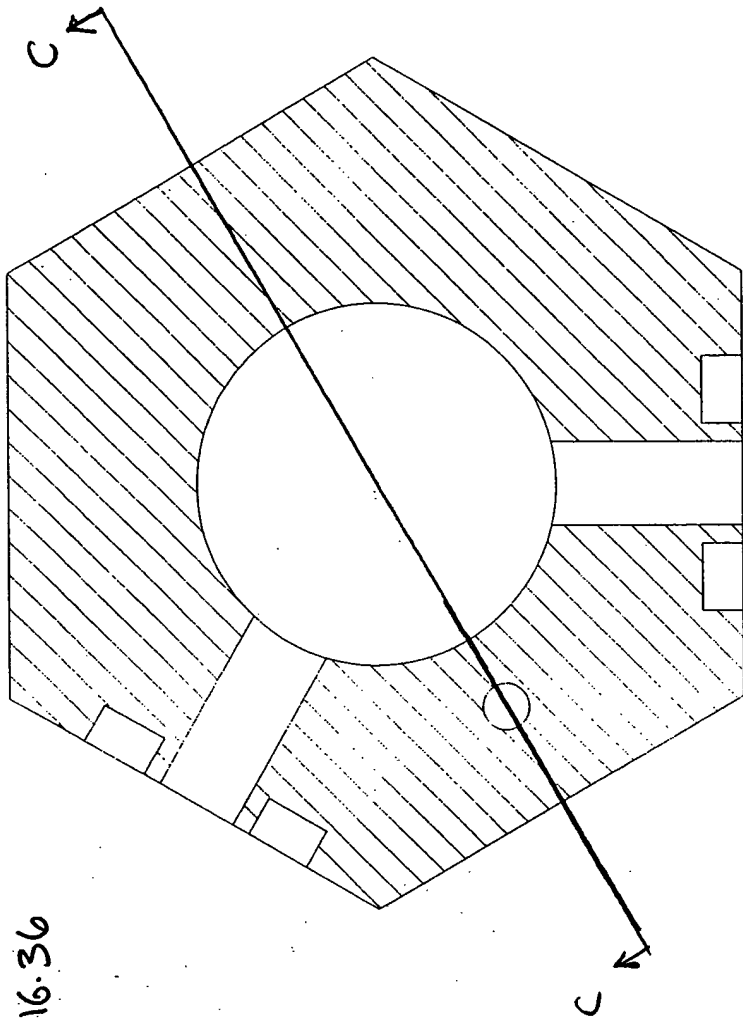
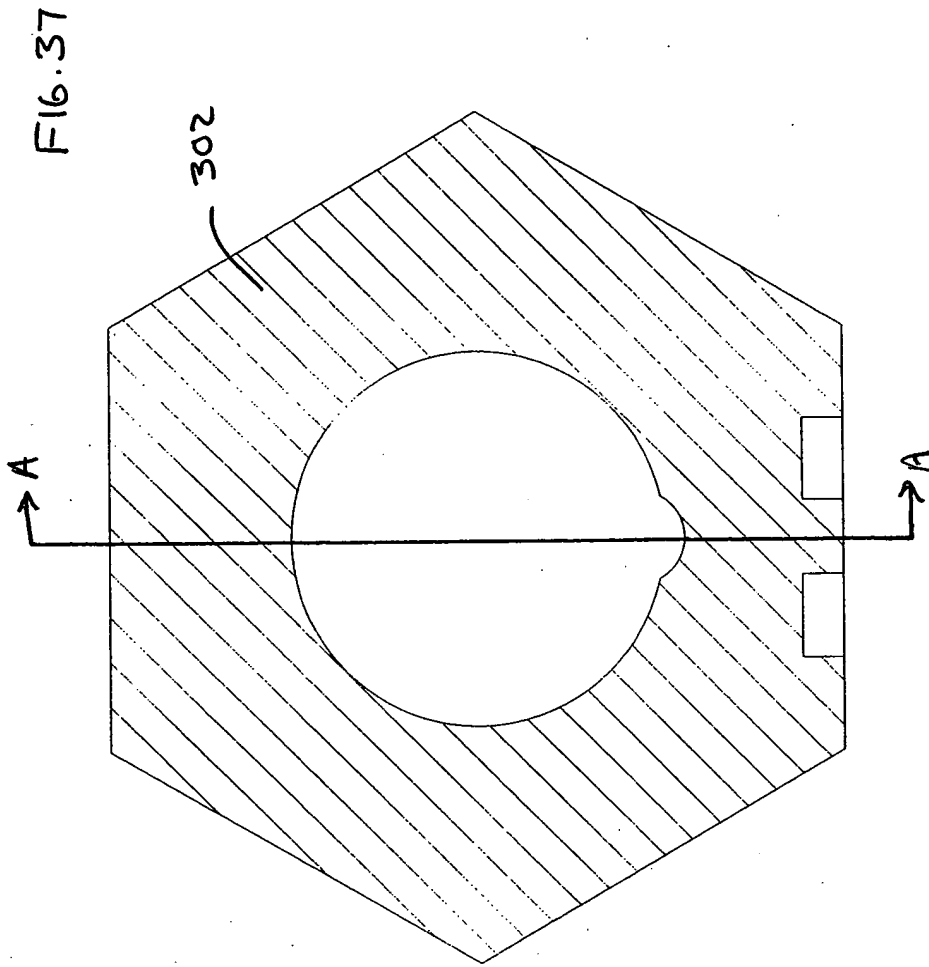
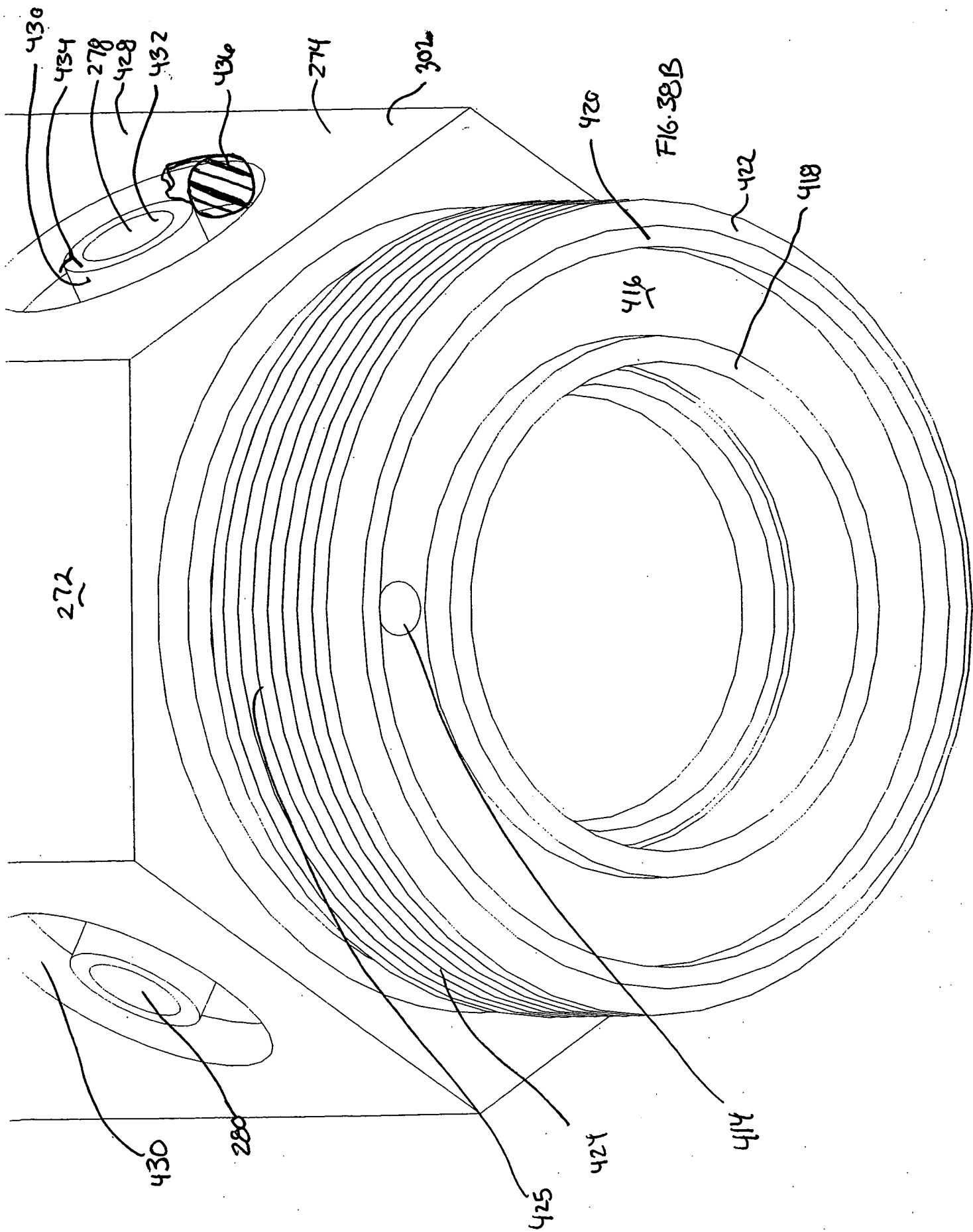
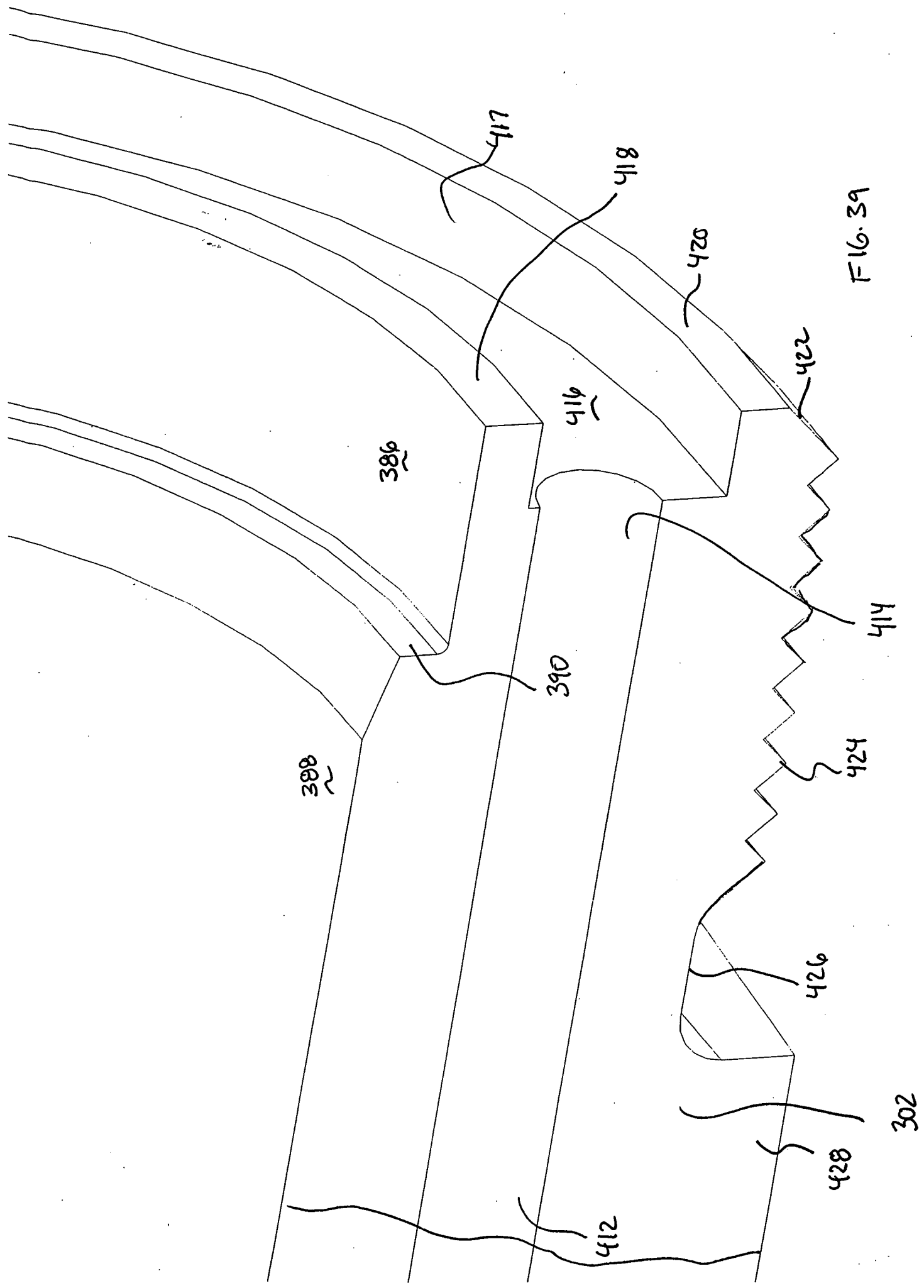


Fig. 36







F16.39

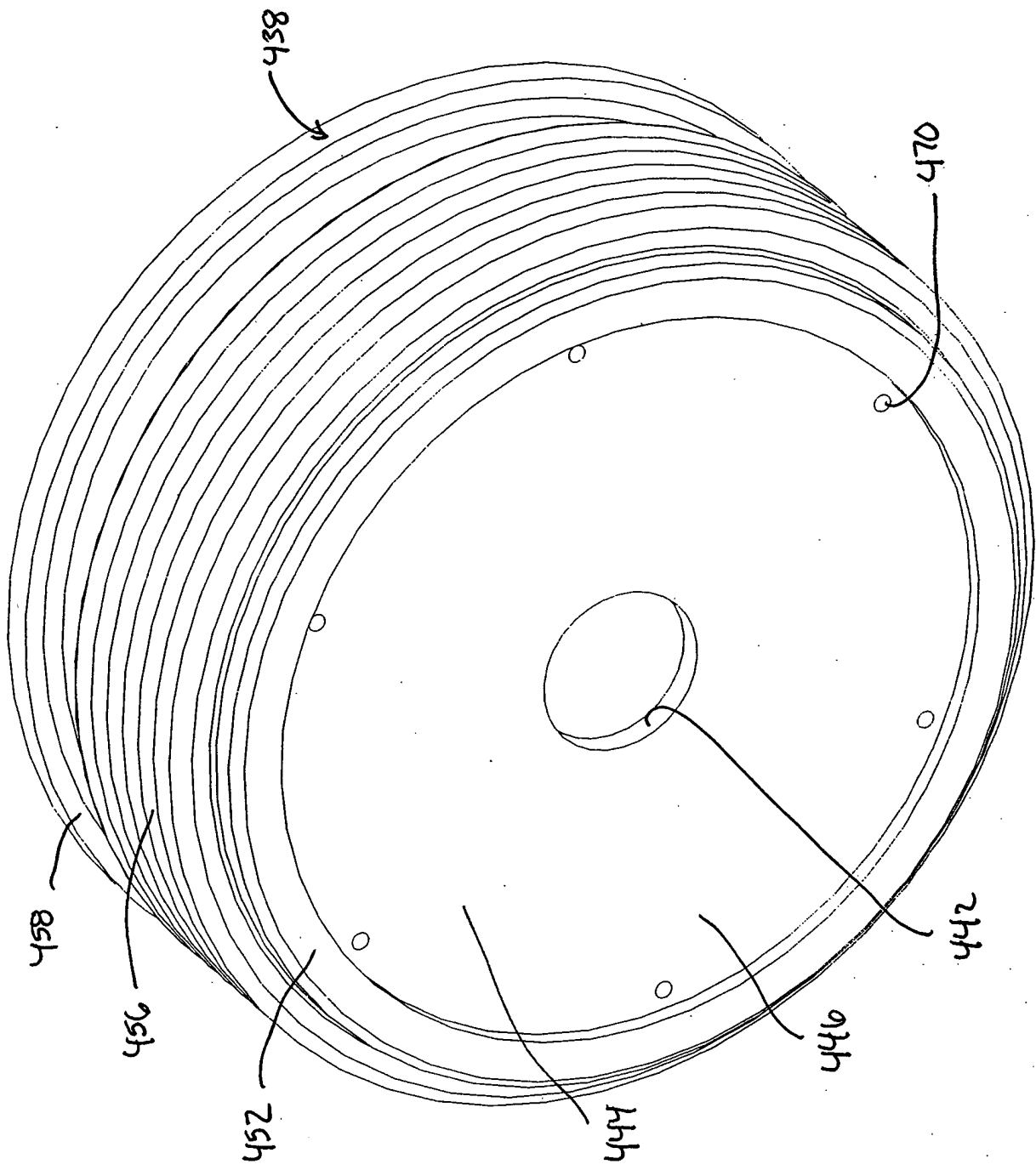
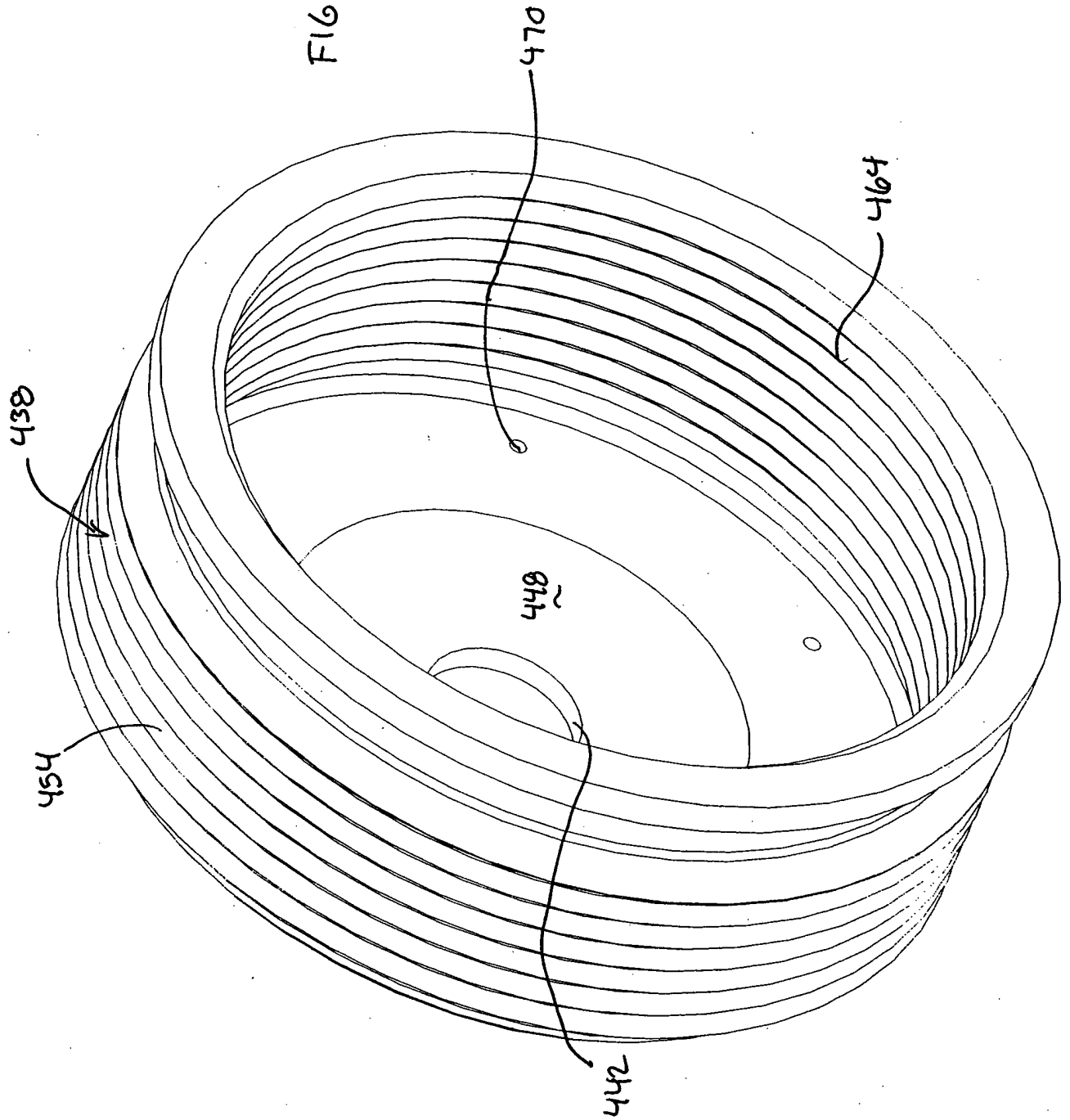
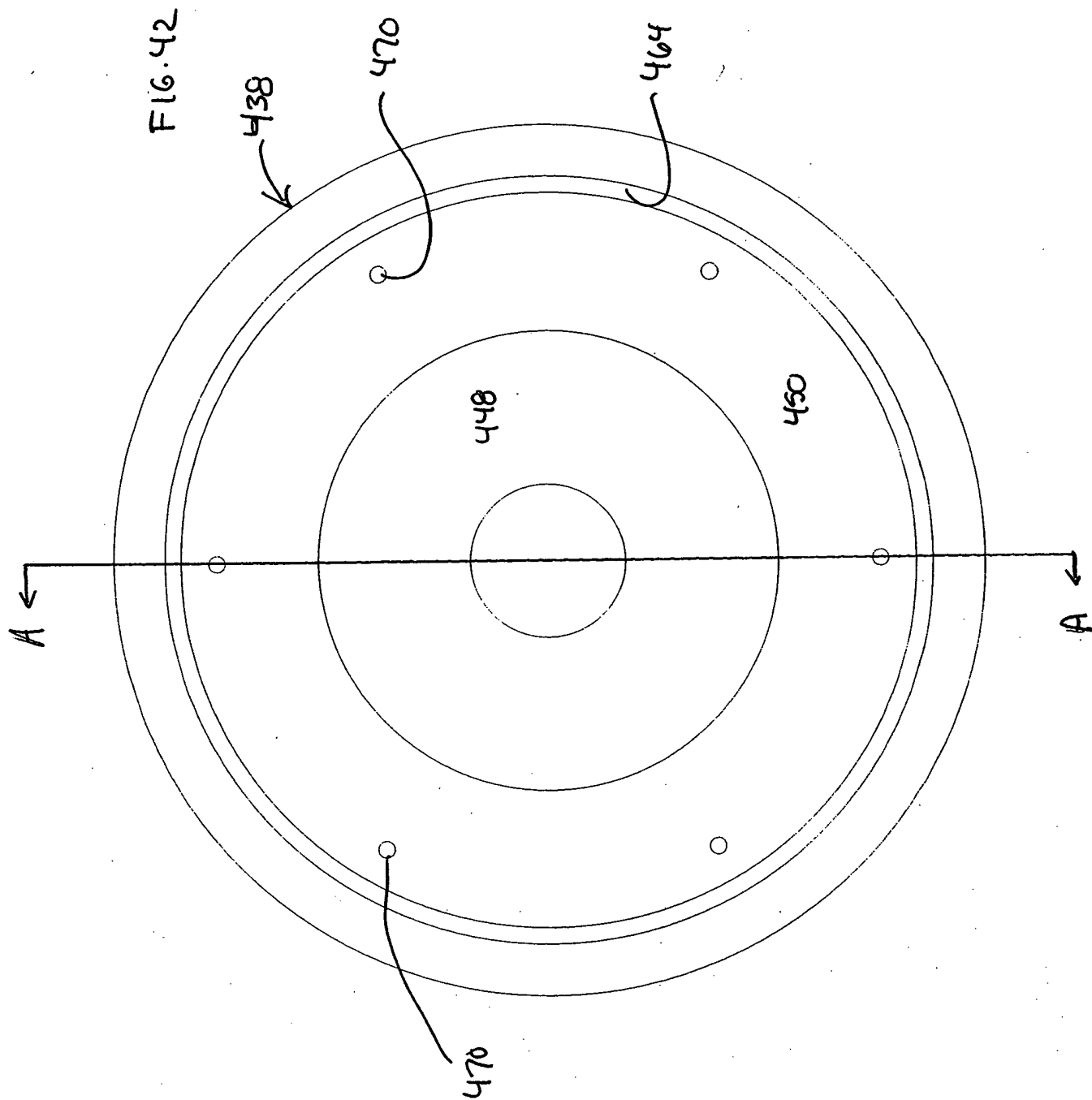


FIG. 40

FIG. 41





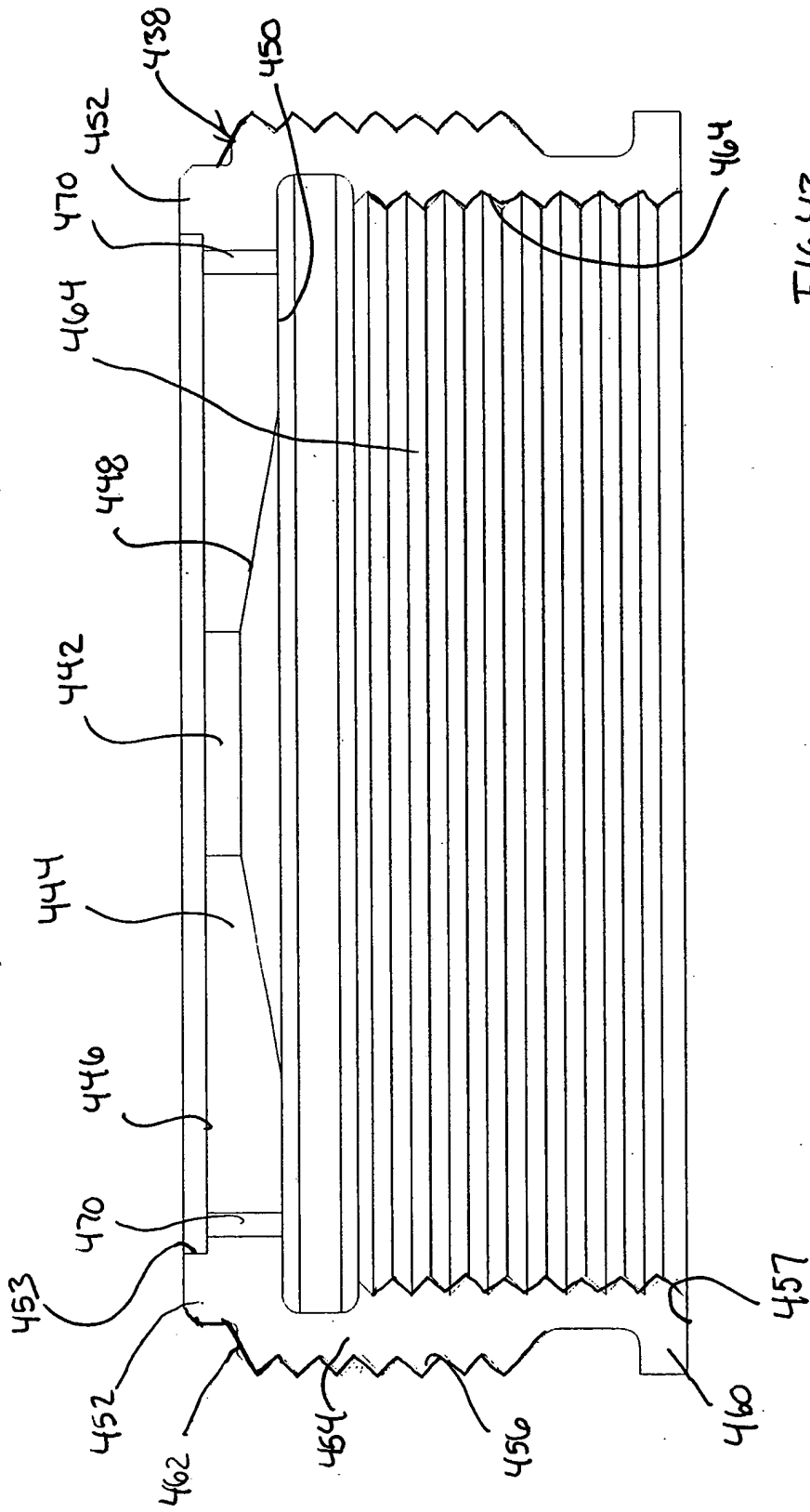


FIG. 43

FIG. 44

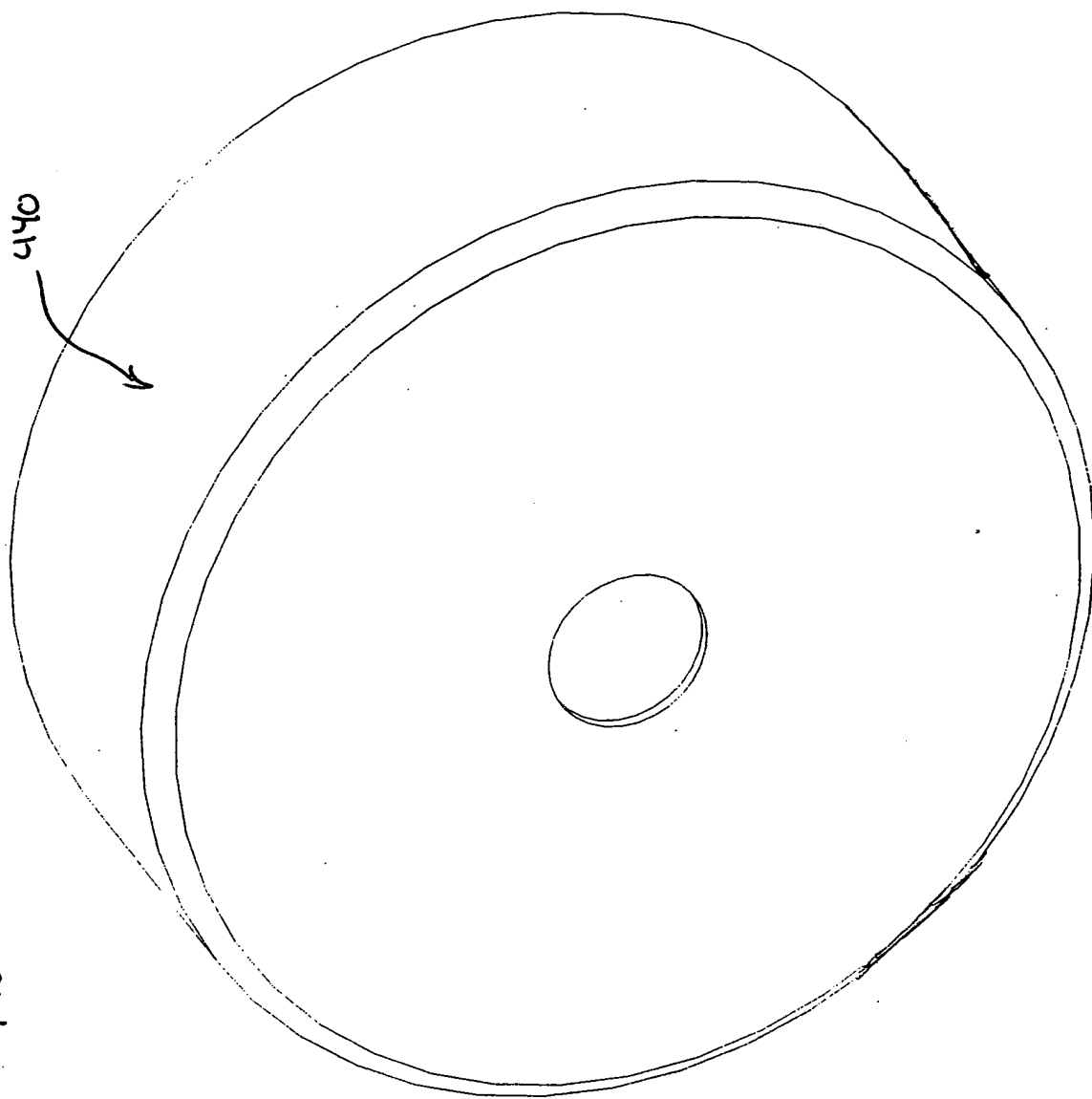


FIG. 45

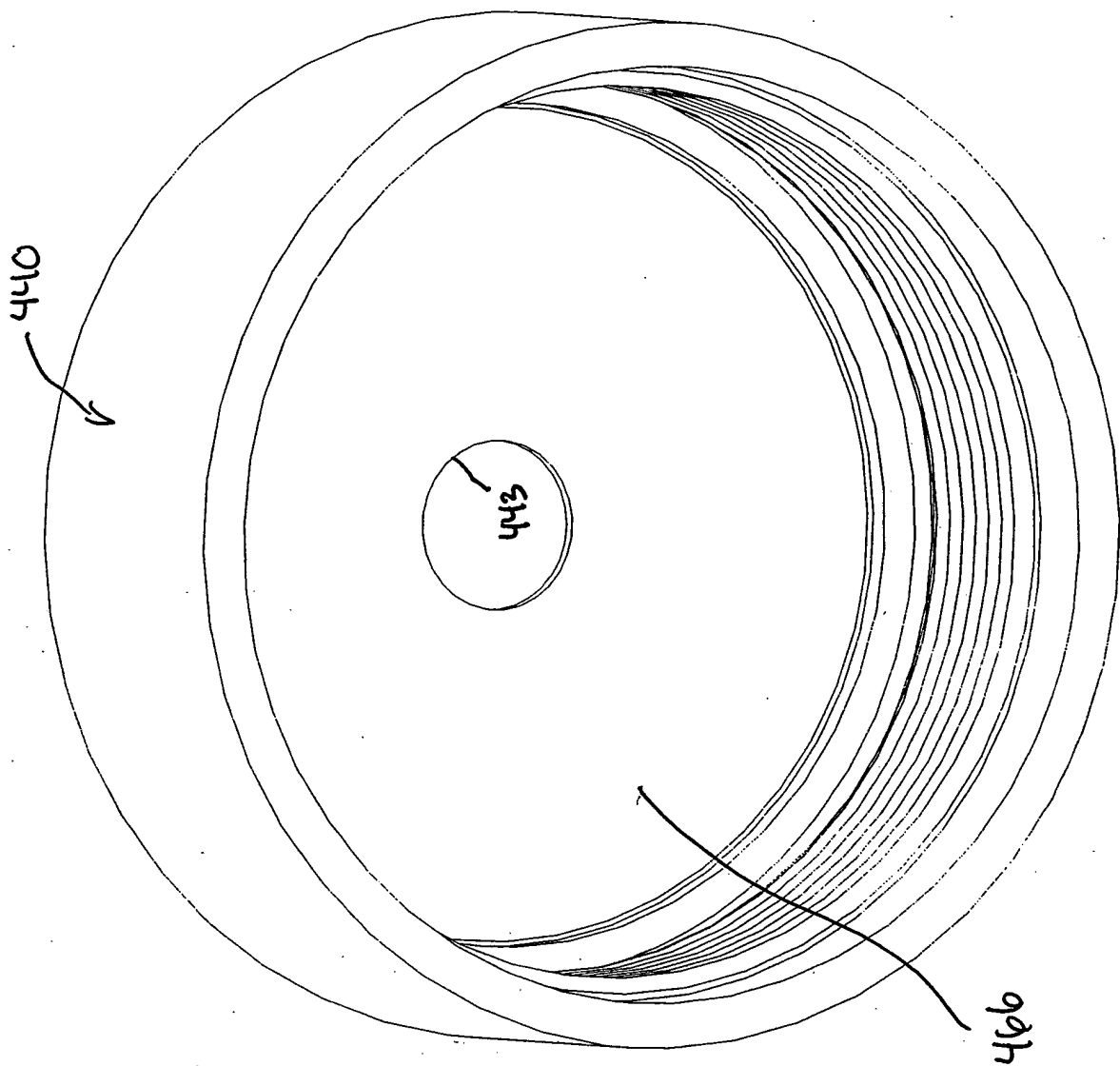
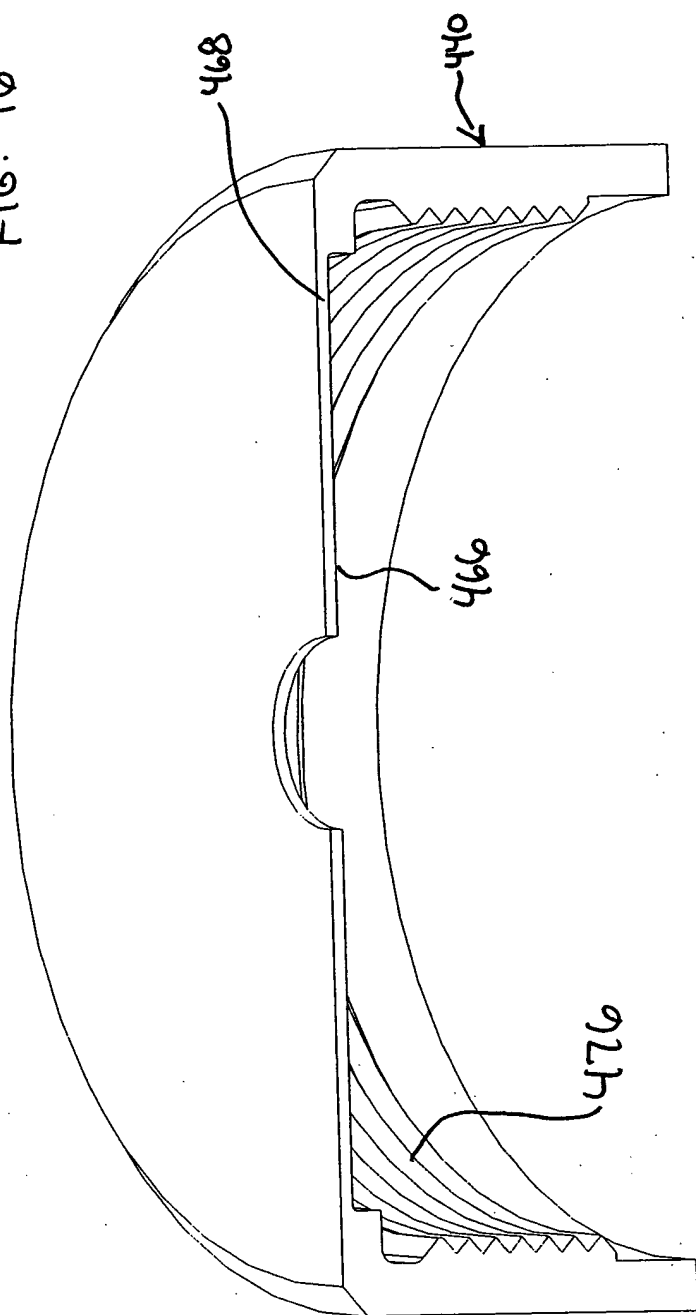


FIG. 46



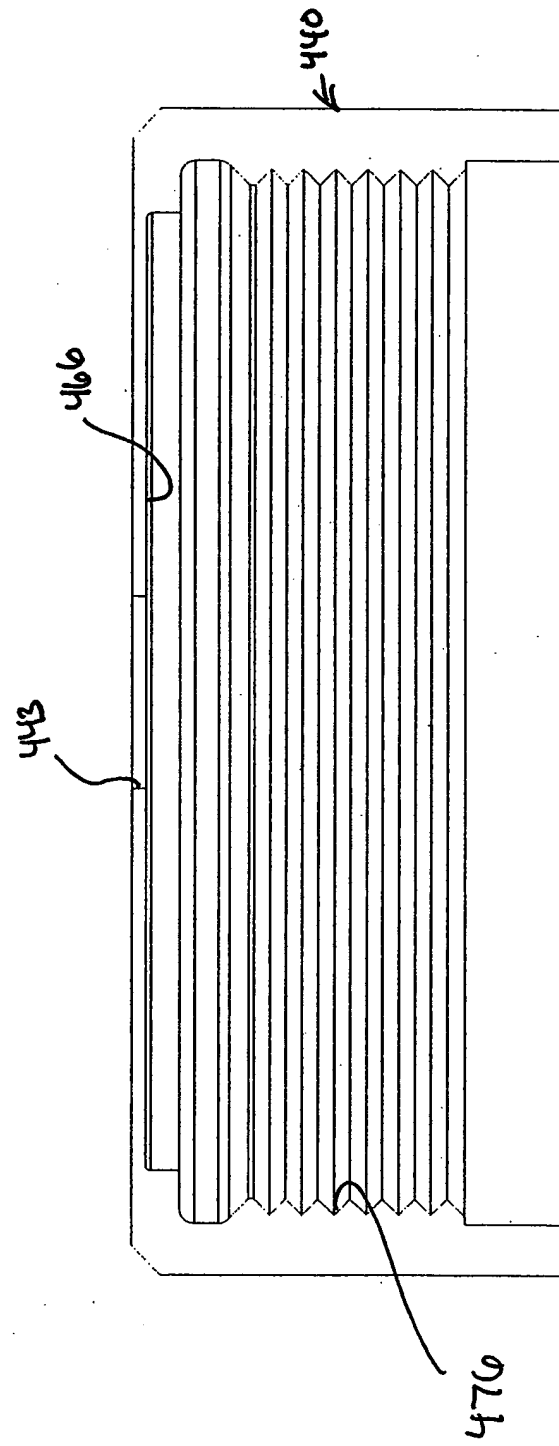
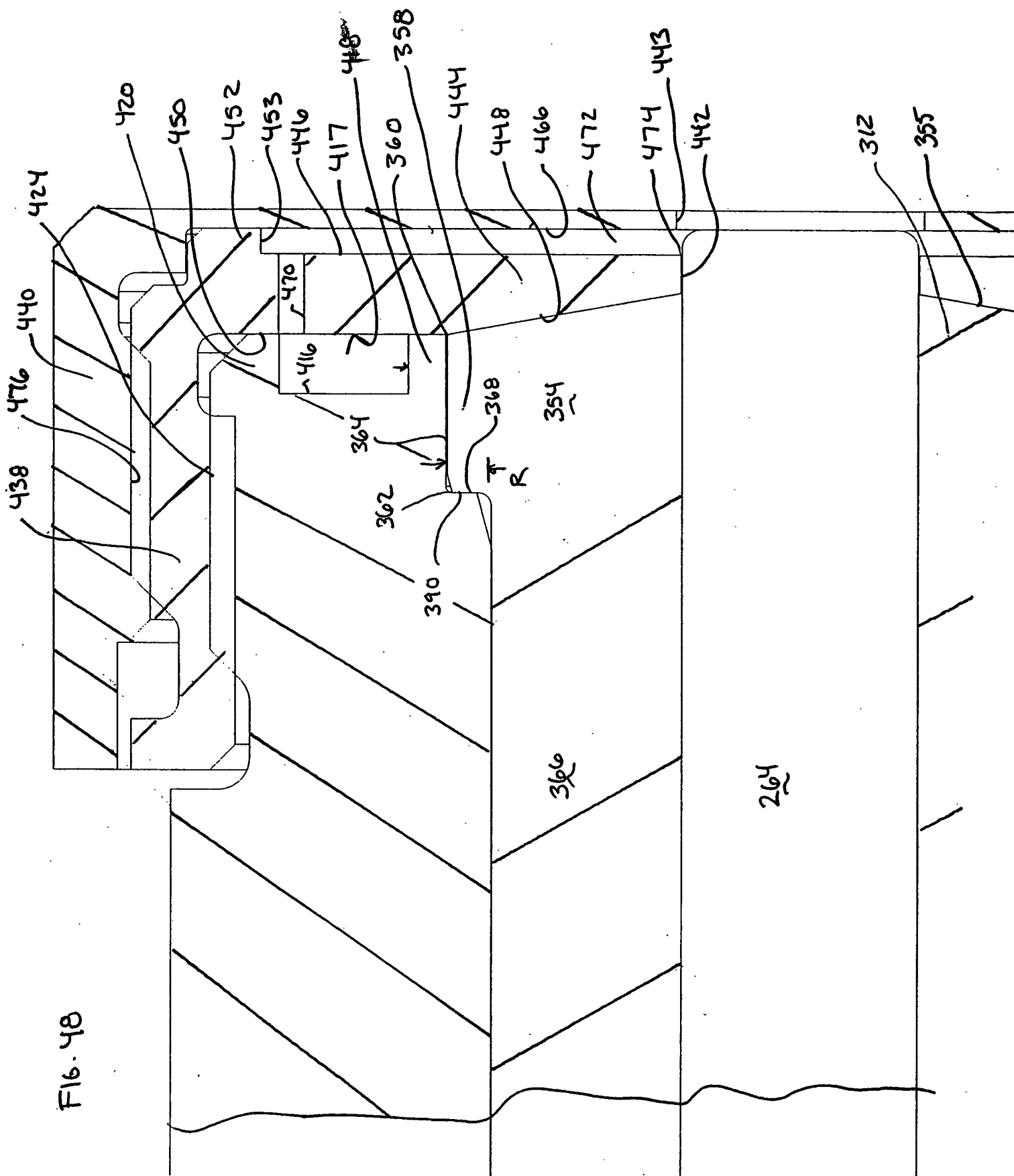
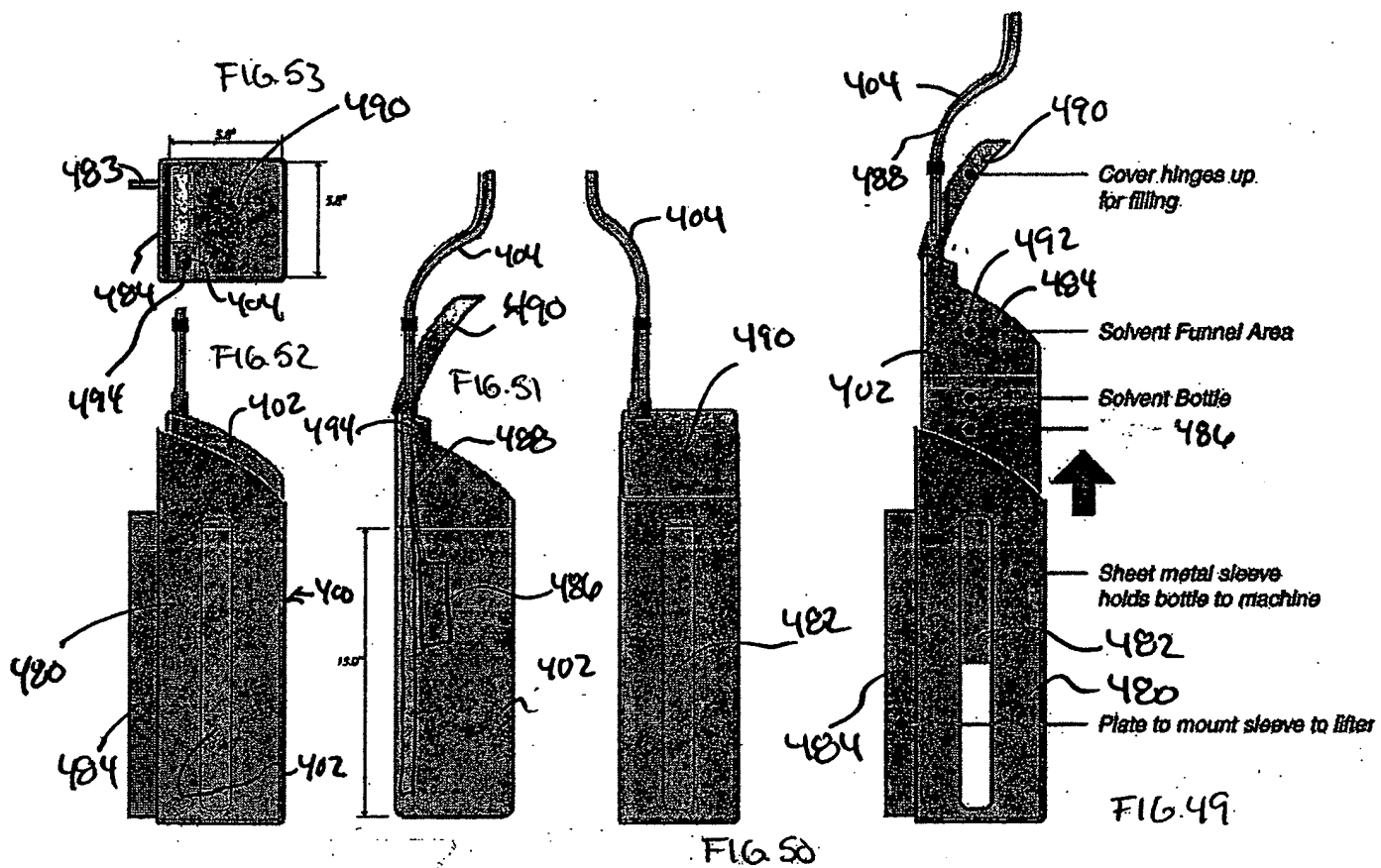


FIG. 47

[illegible]



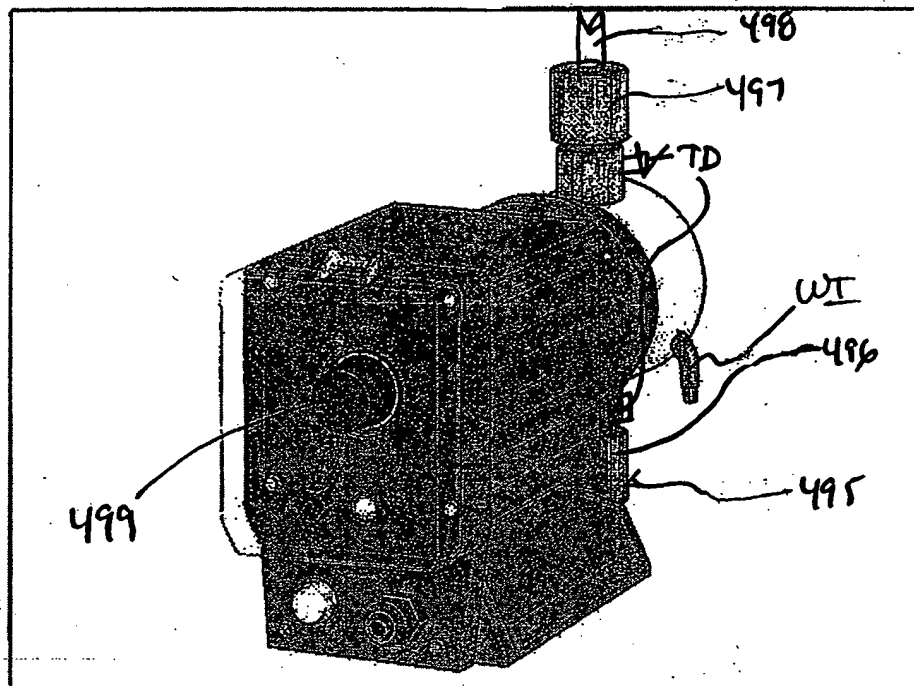


FIG. 54

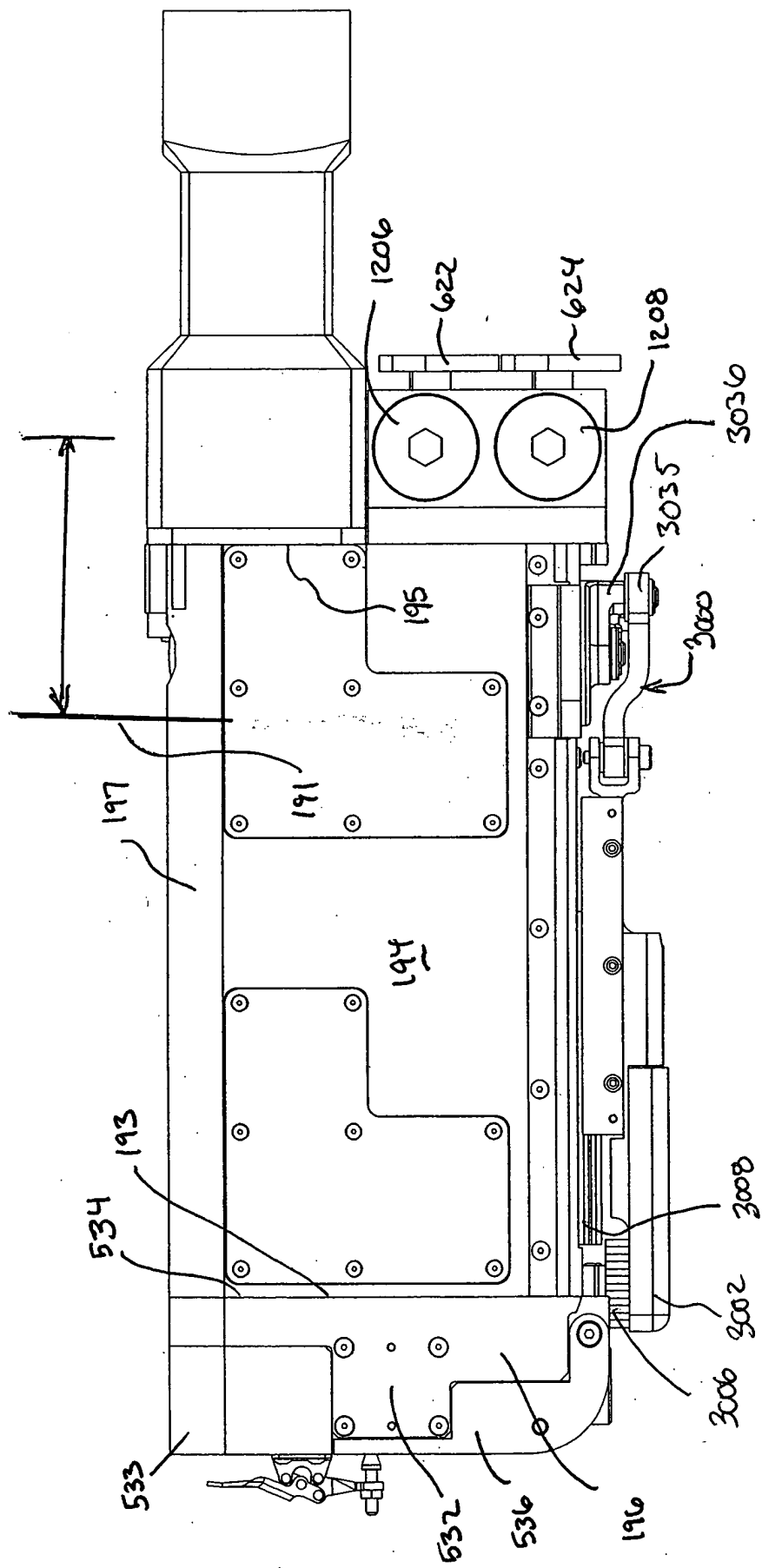


FIG. 55

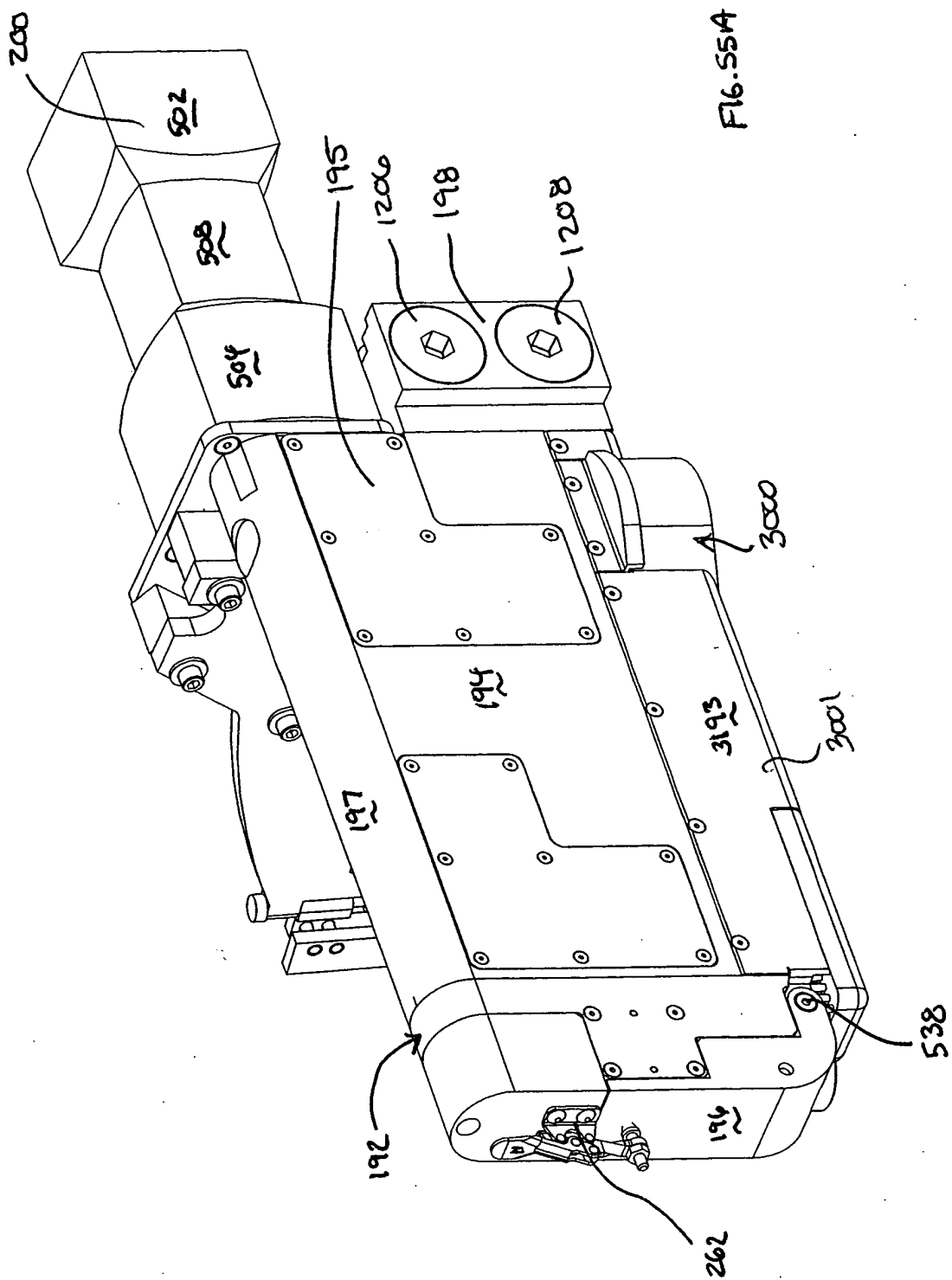
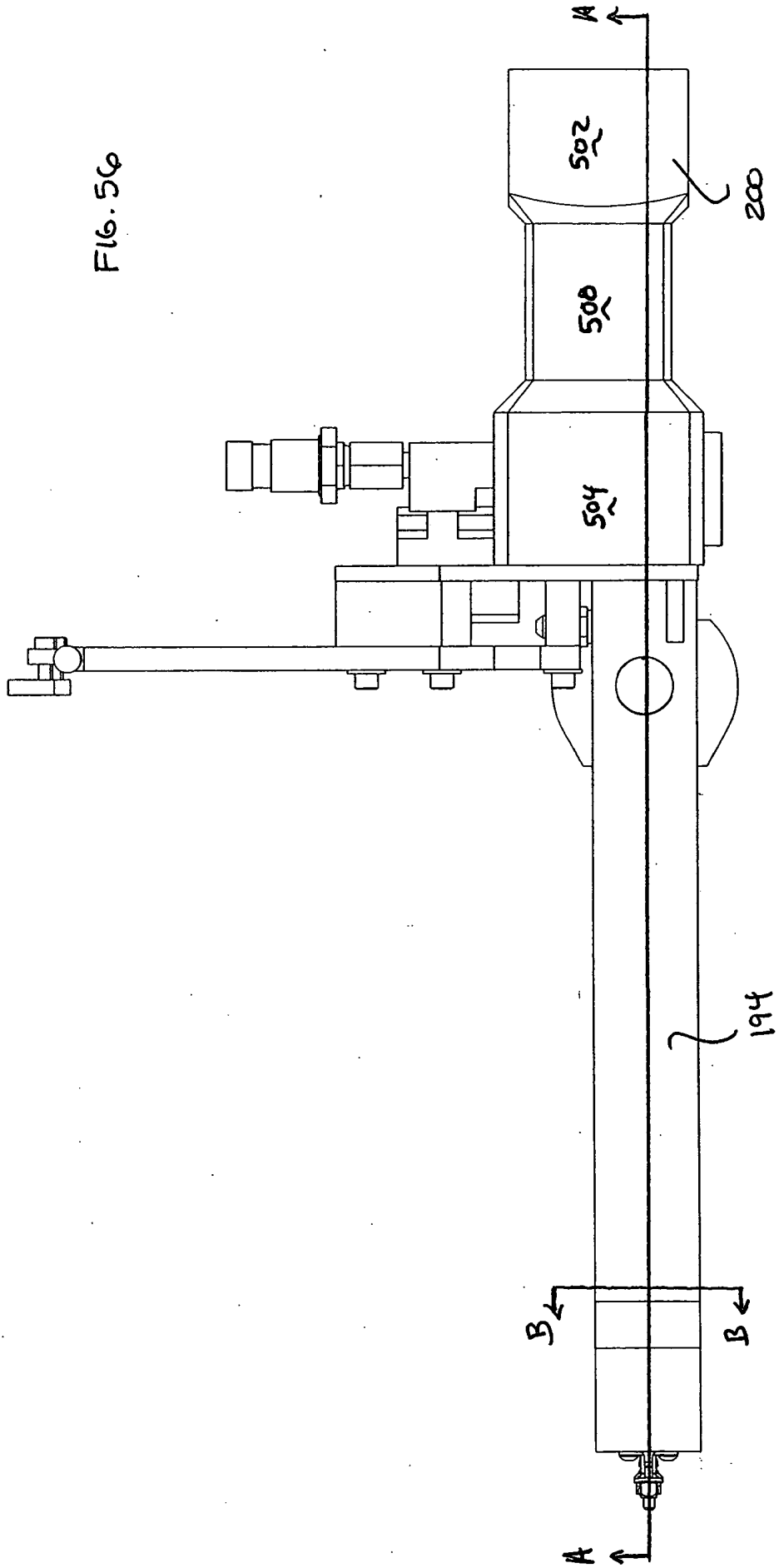


FIG. 56



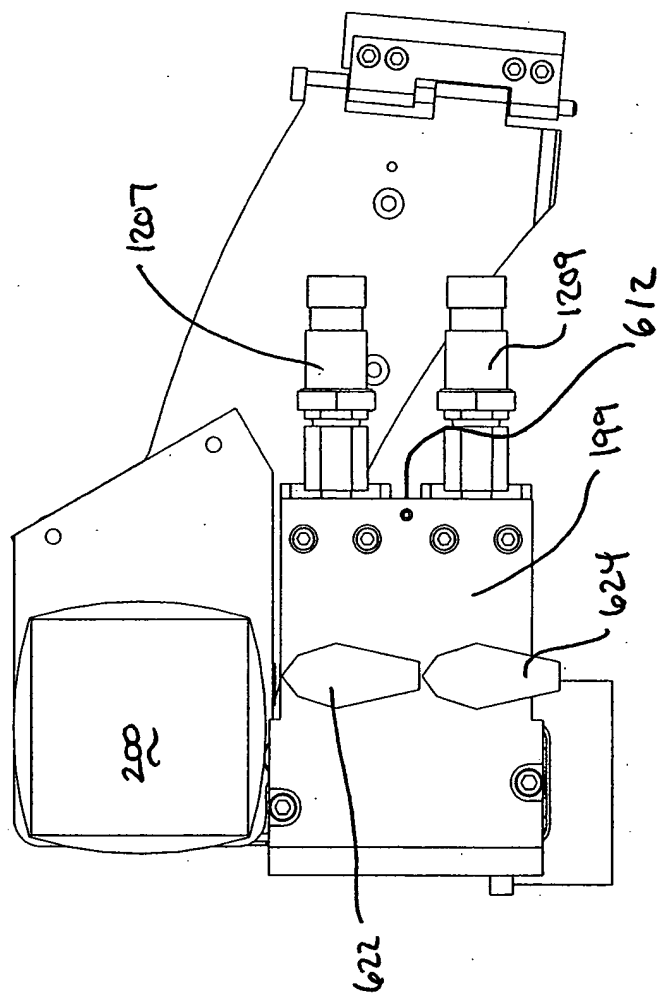


FIG. 57

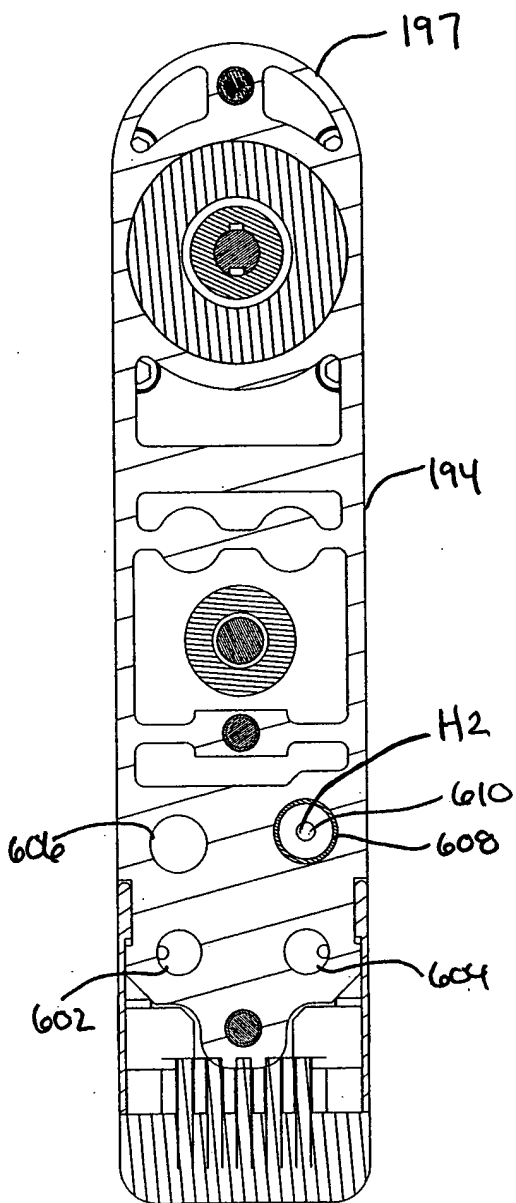


FIG. 58

F16.60

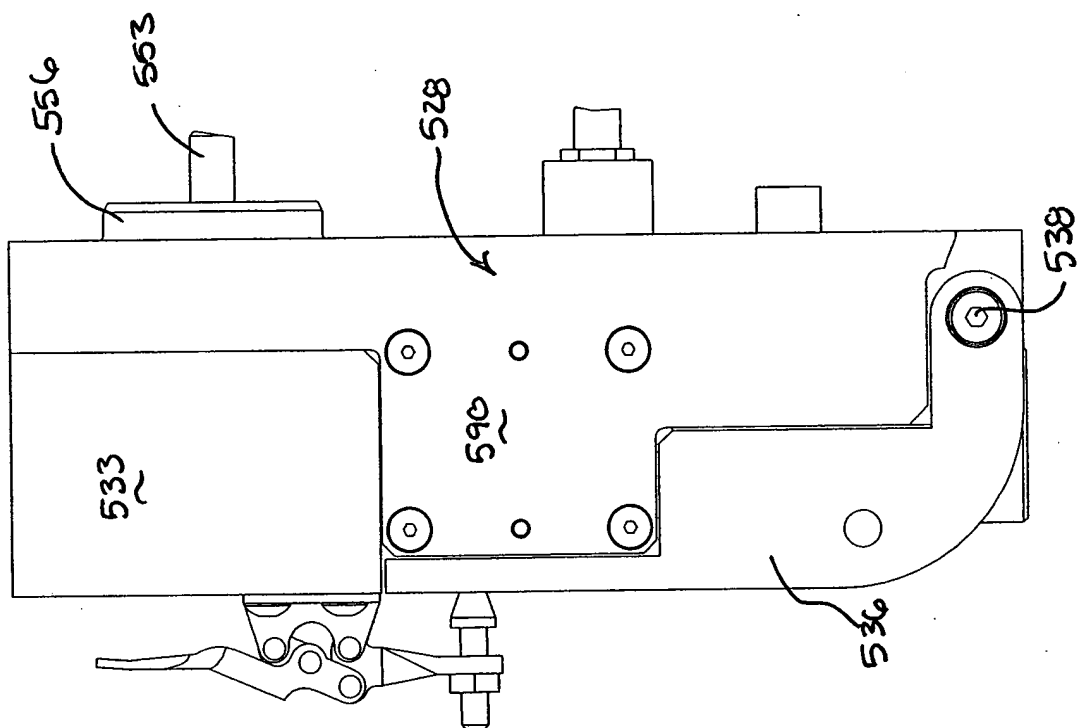


FIG. 61

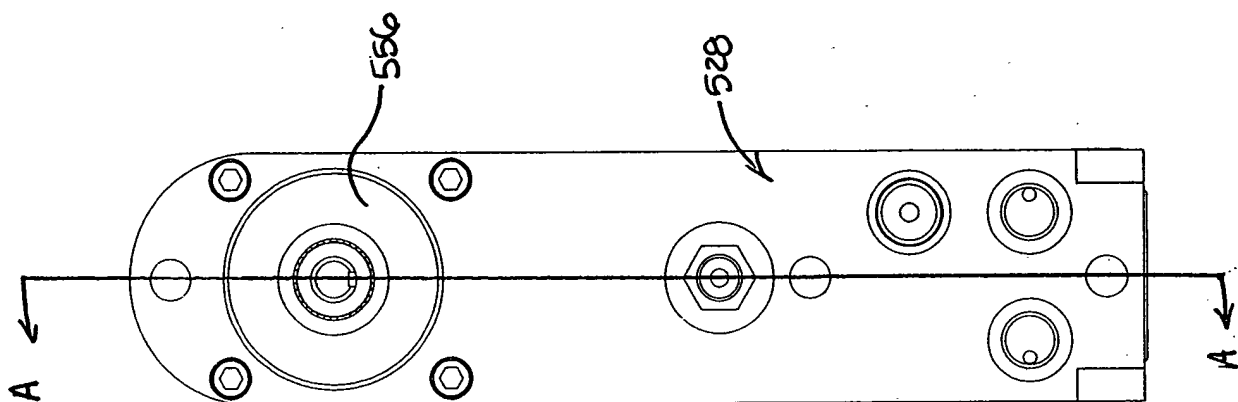
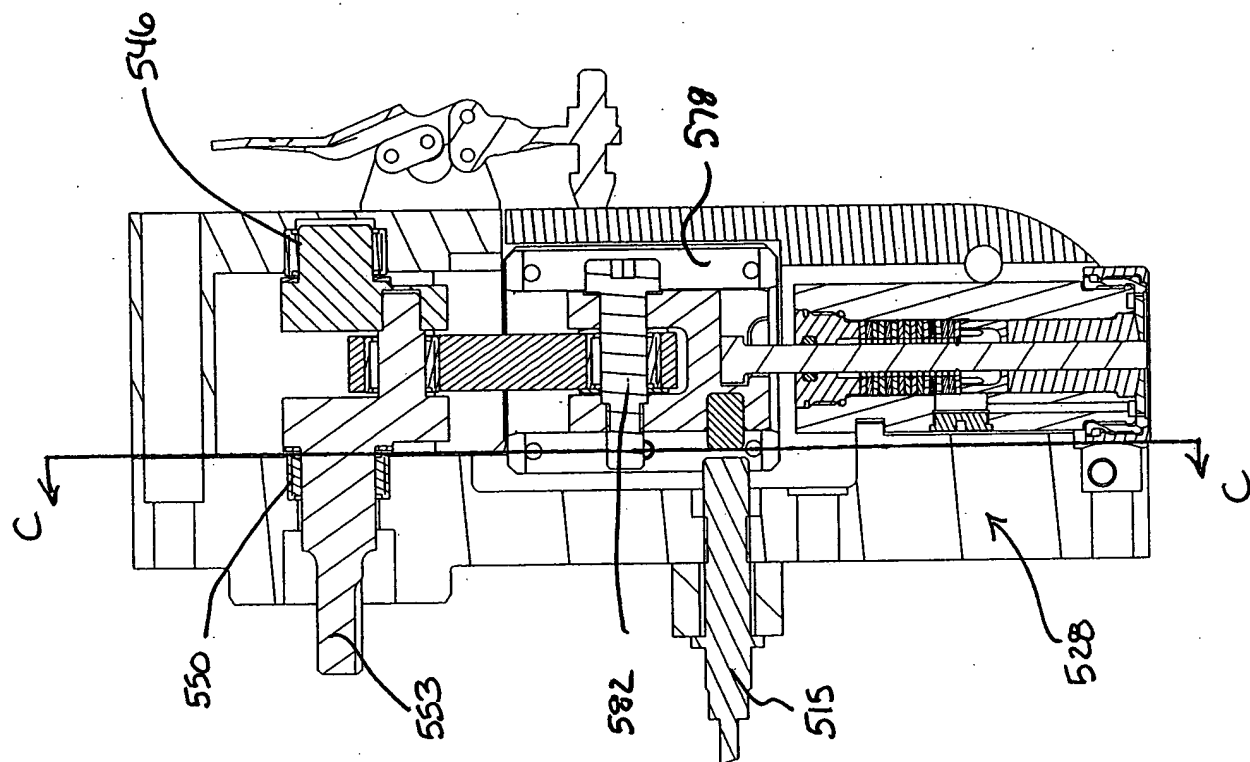
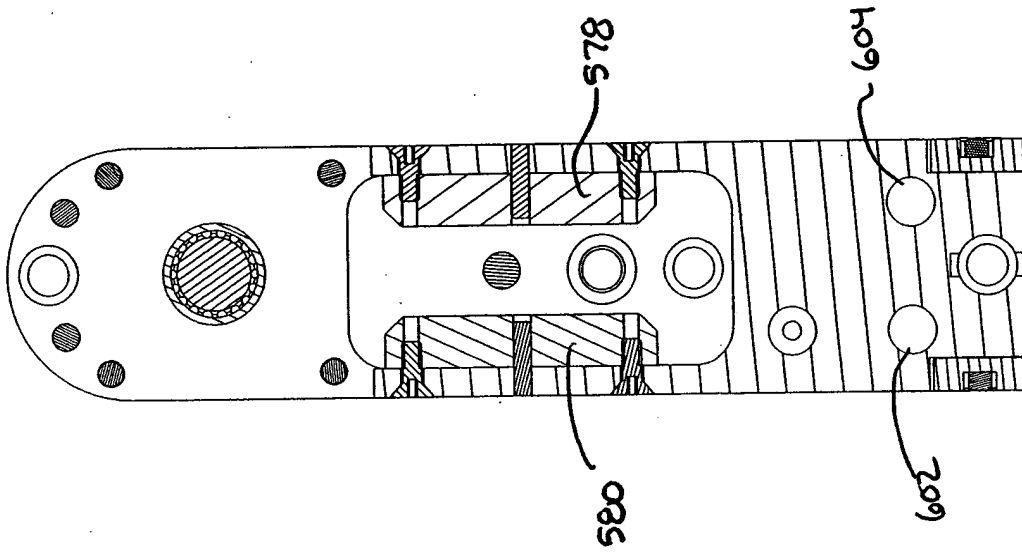


FIG. 62





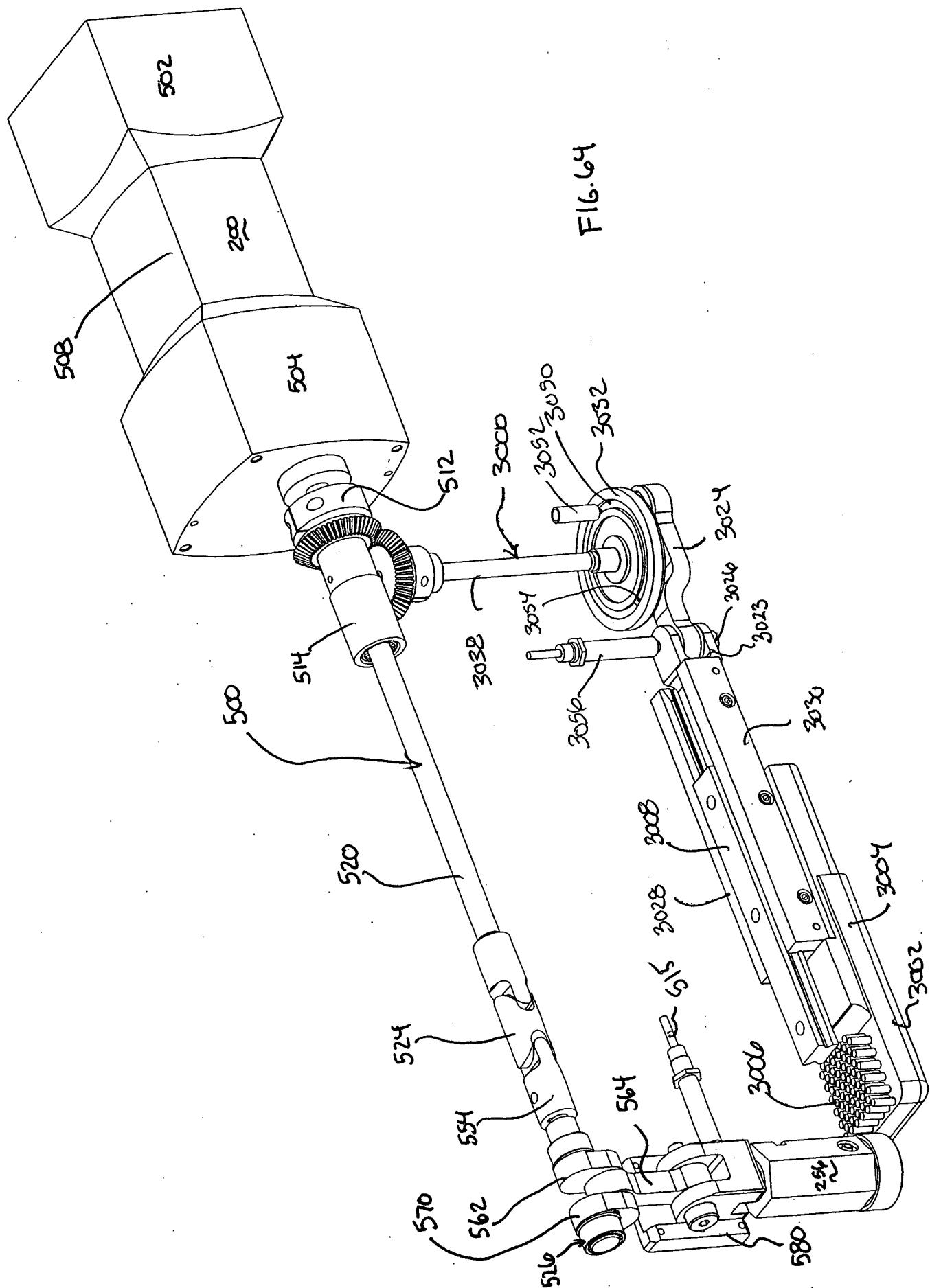
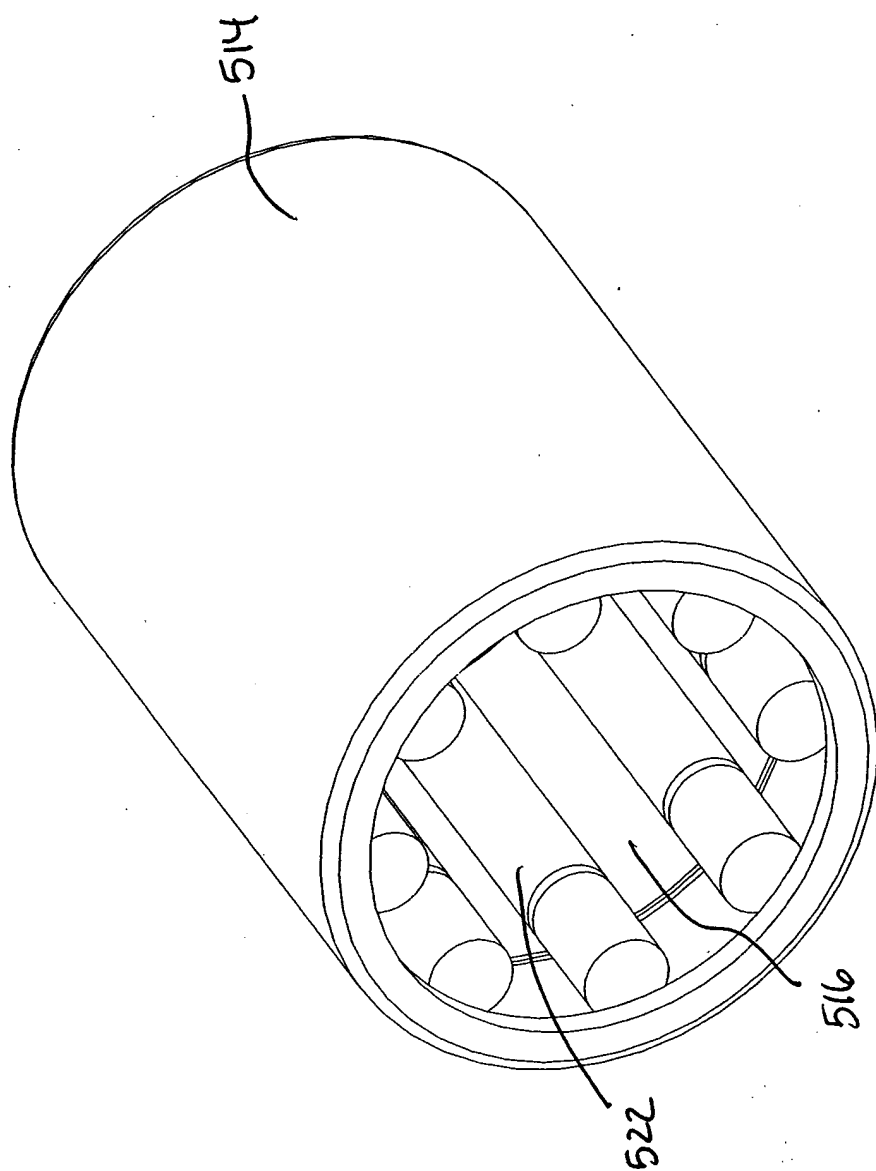


FIG. 65



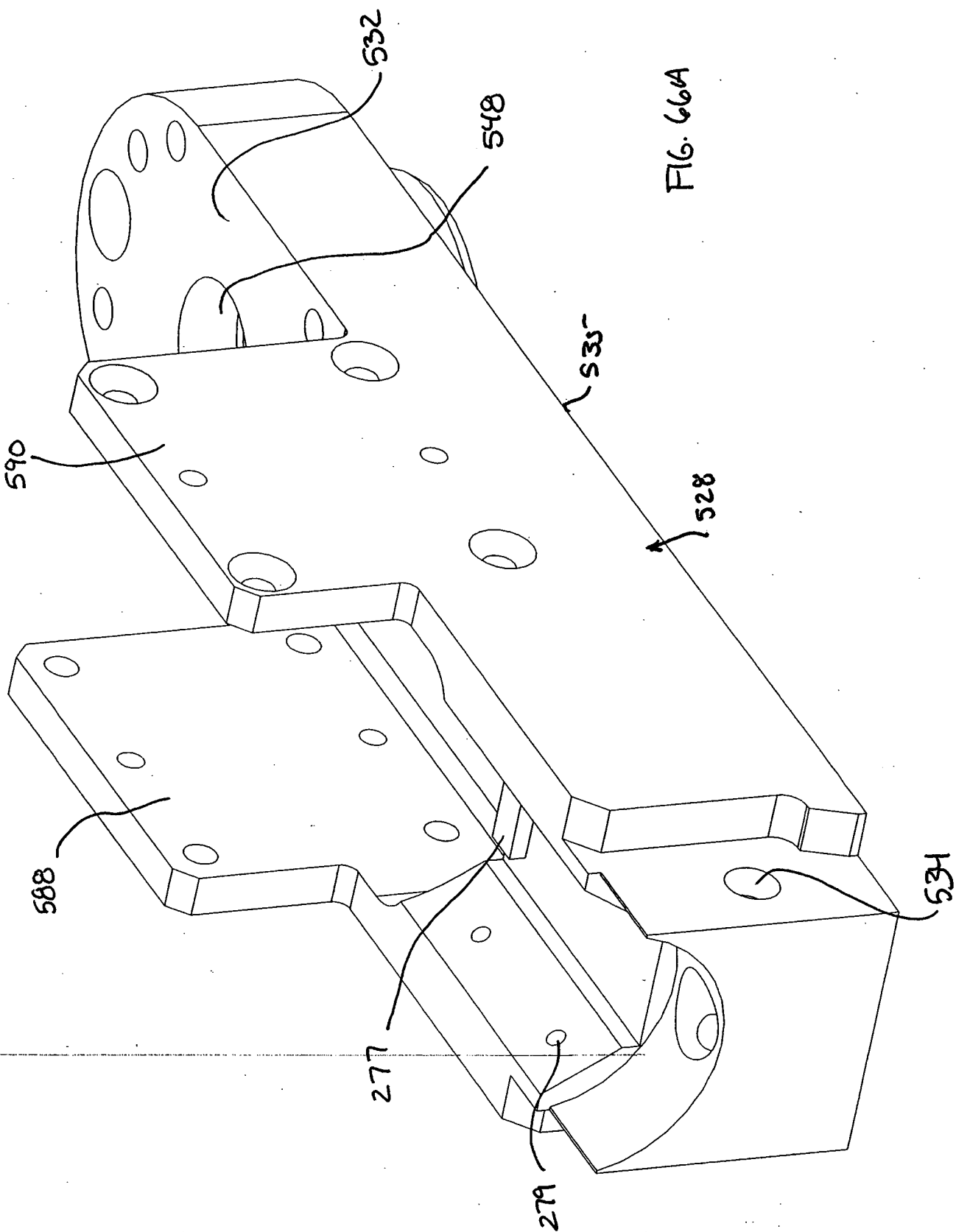
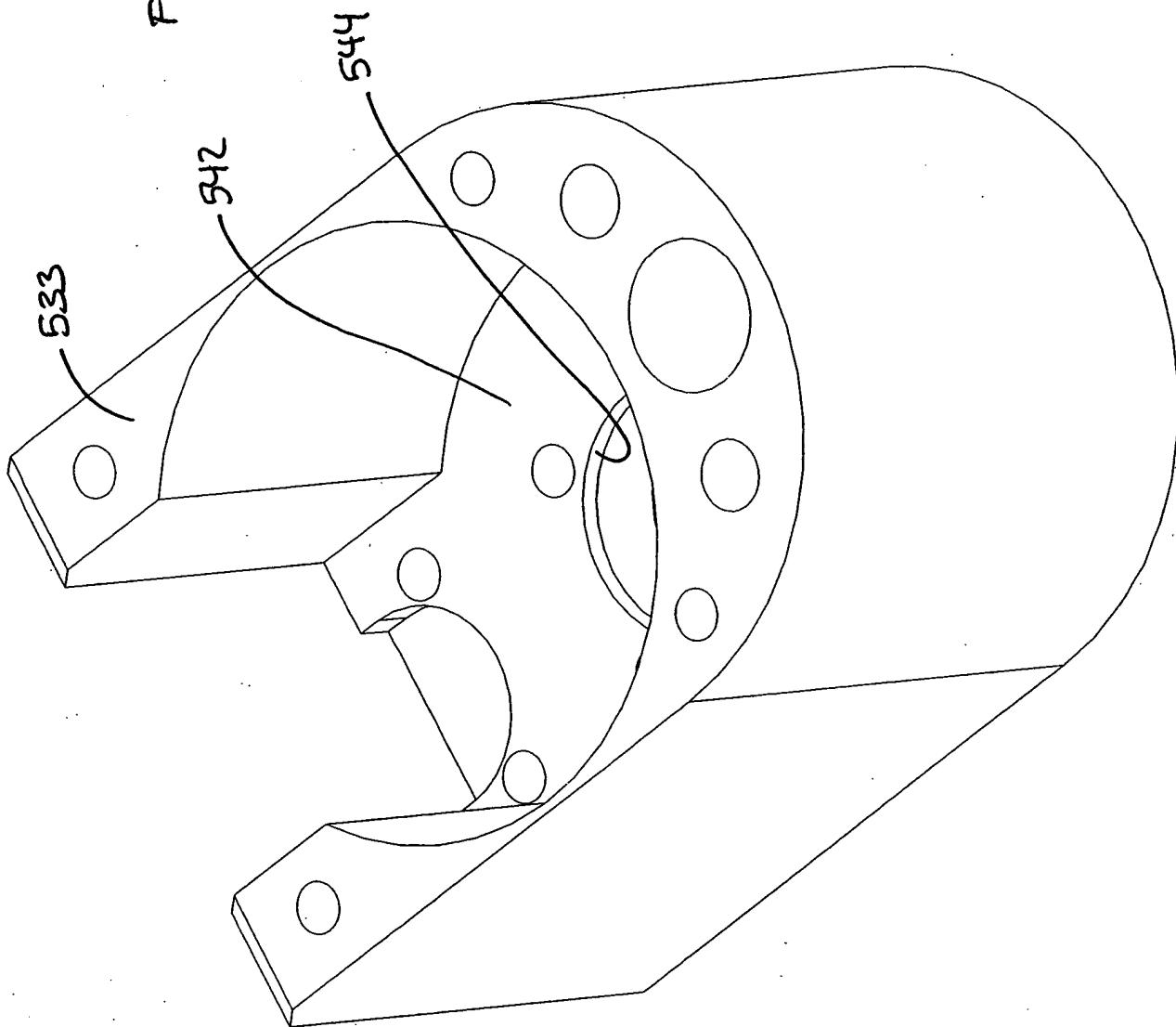


FIG. 66A

FIG. 66B



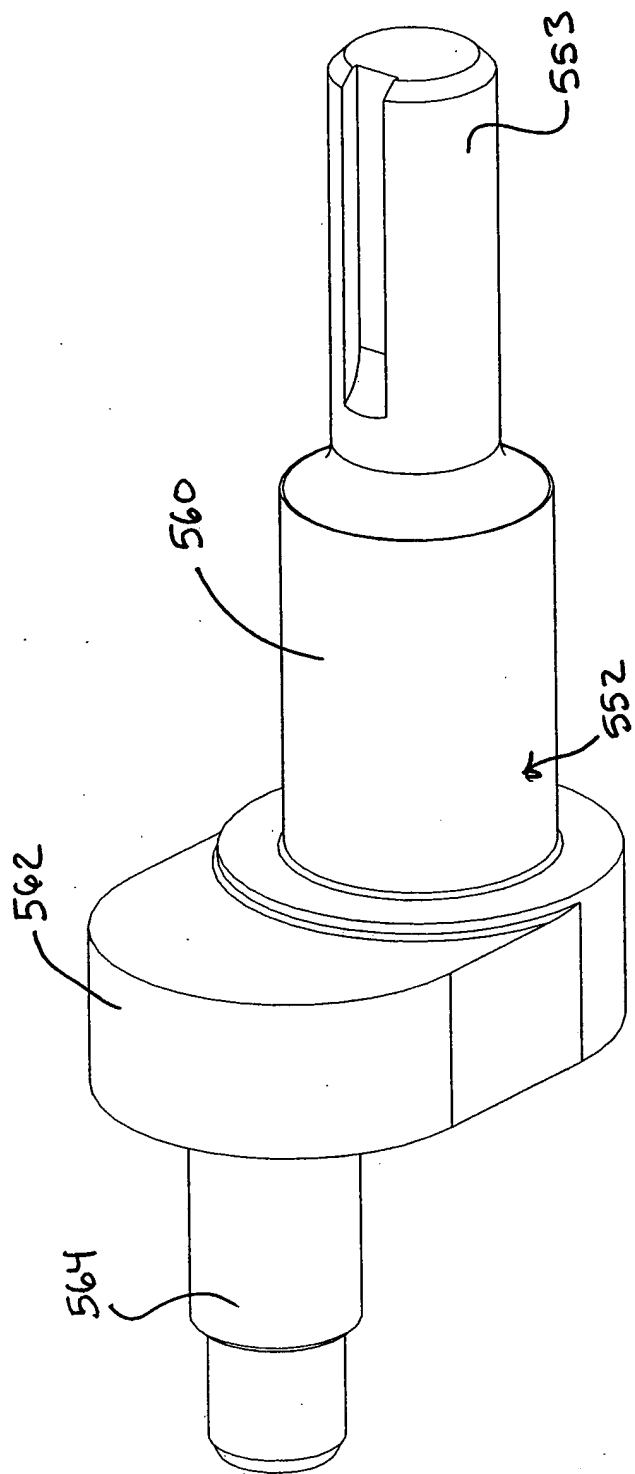
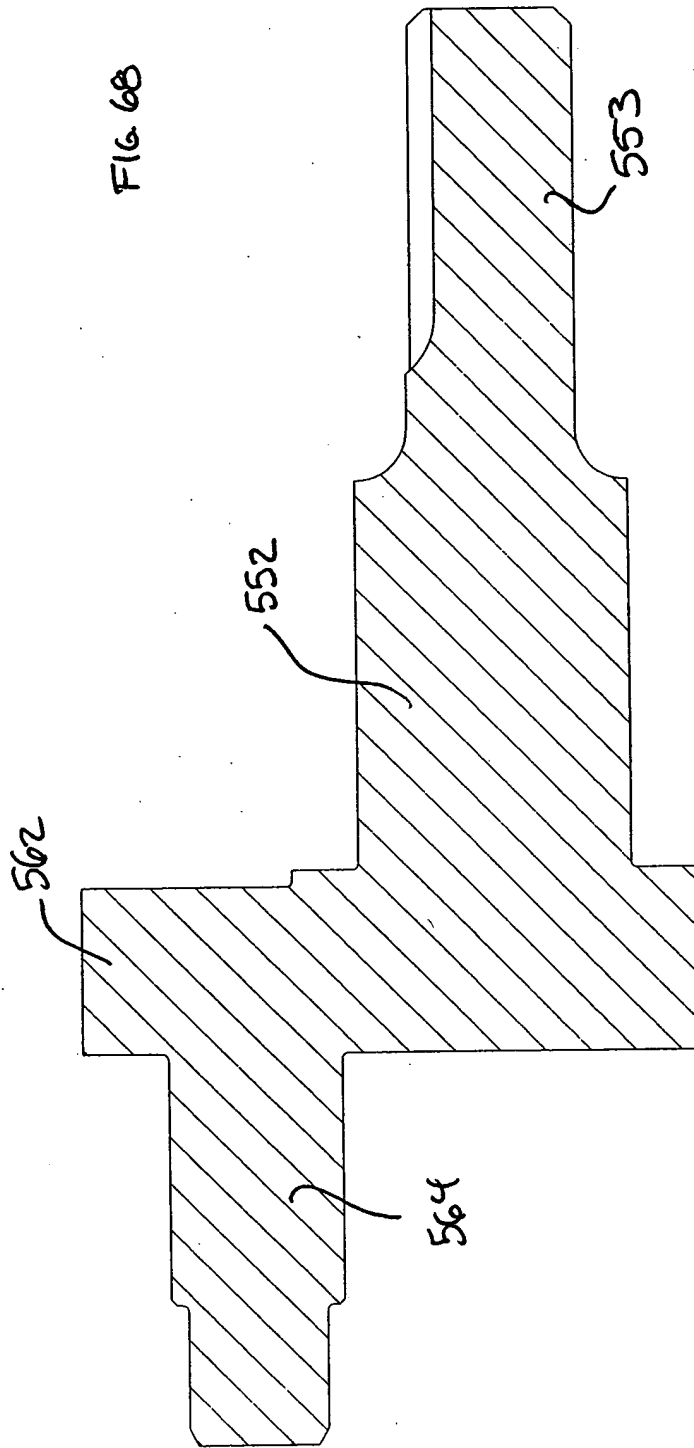


FIG. 67

FIG. 6B



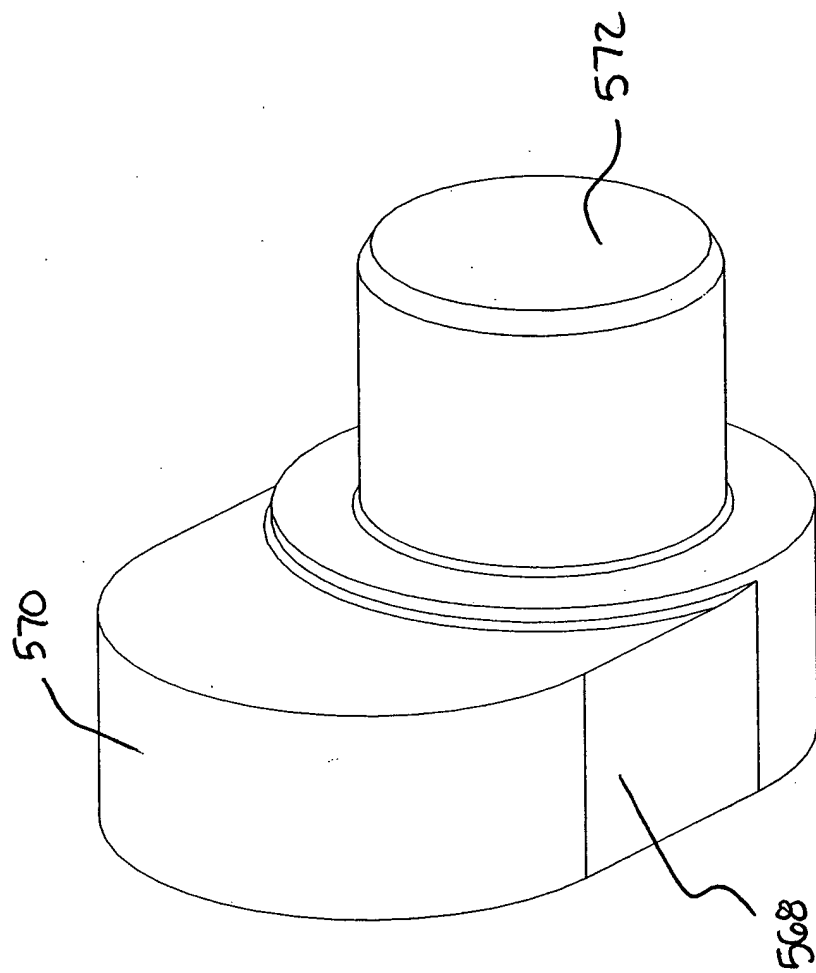


FIG. 69

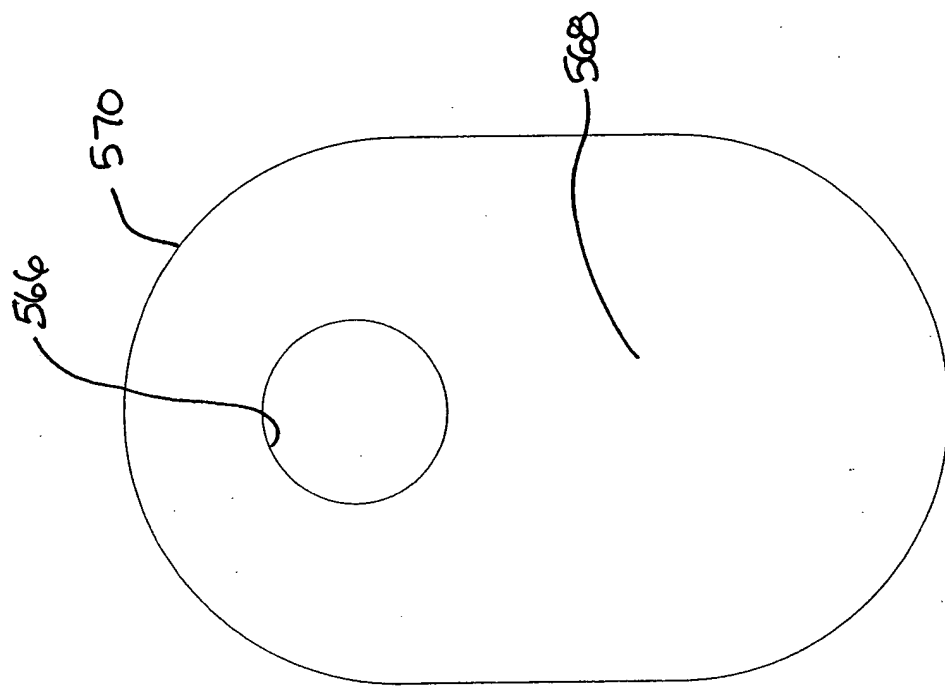


FIG. 70

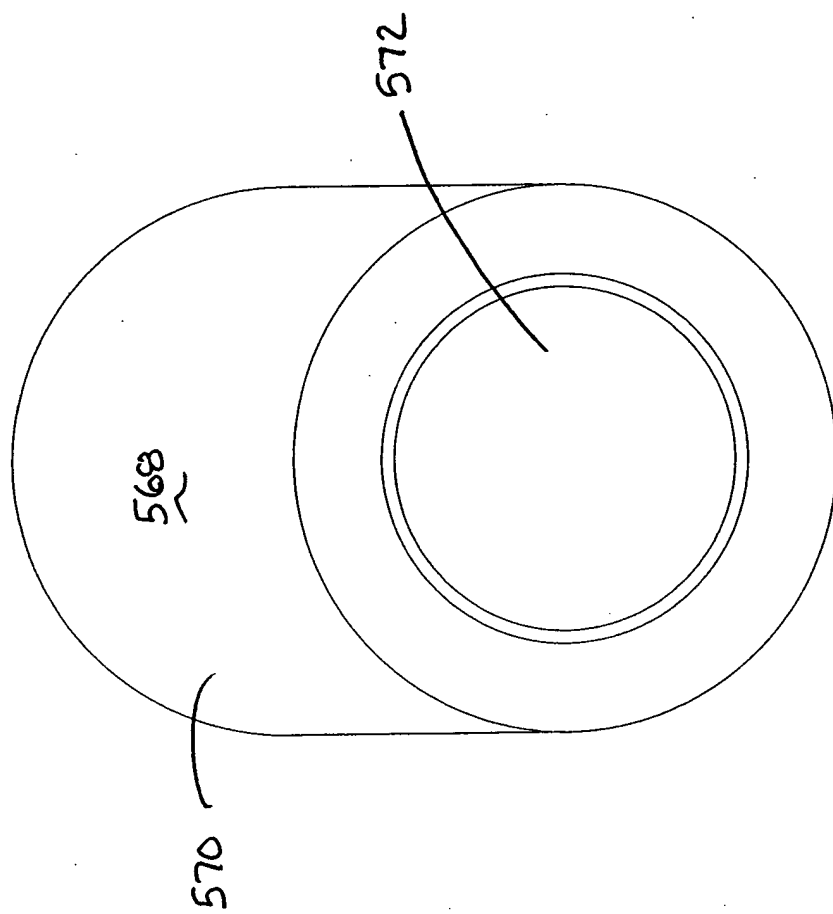
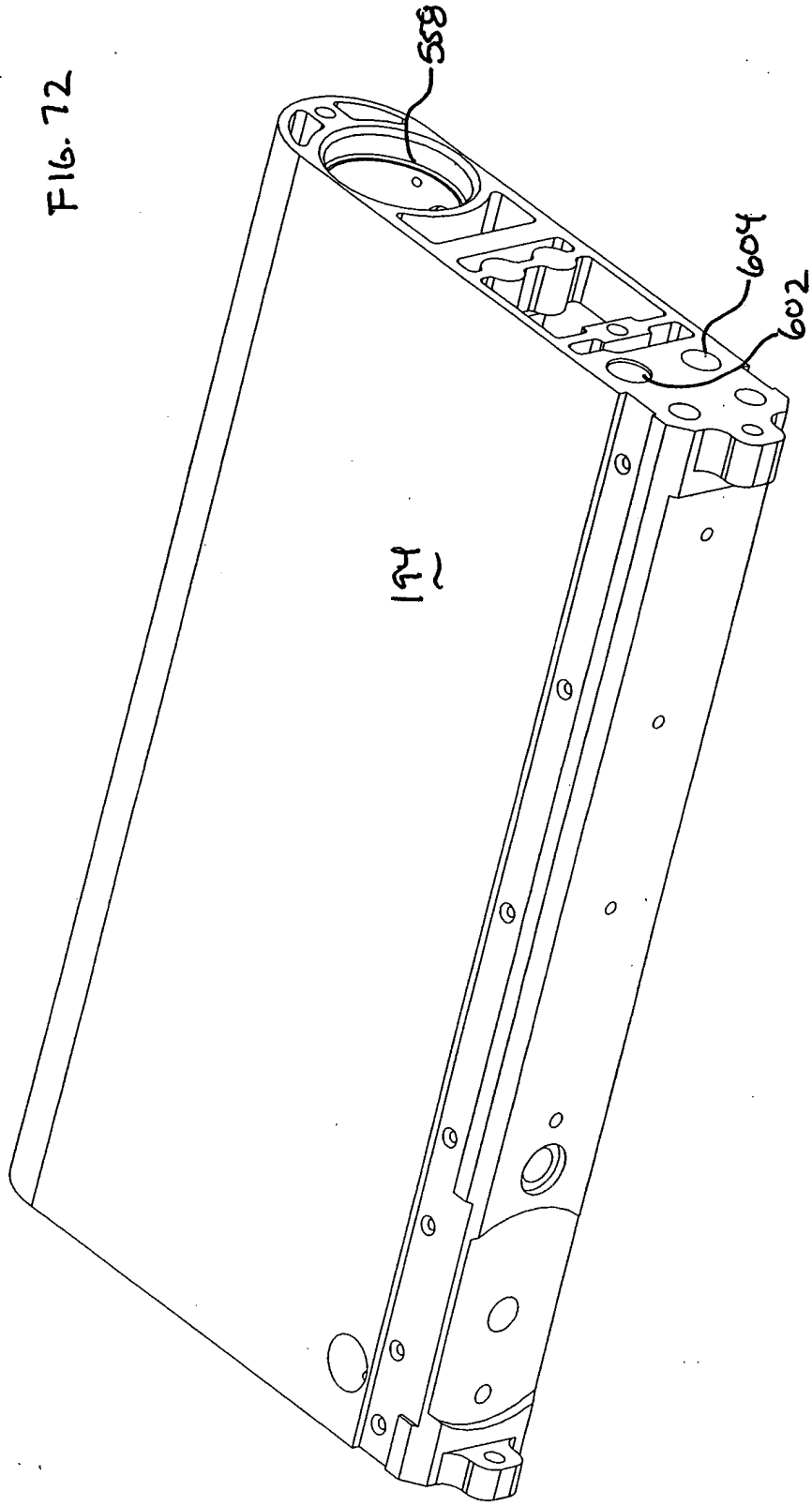


FIG. 71

FIG. 72



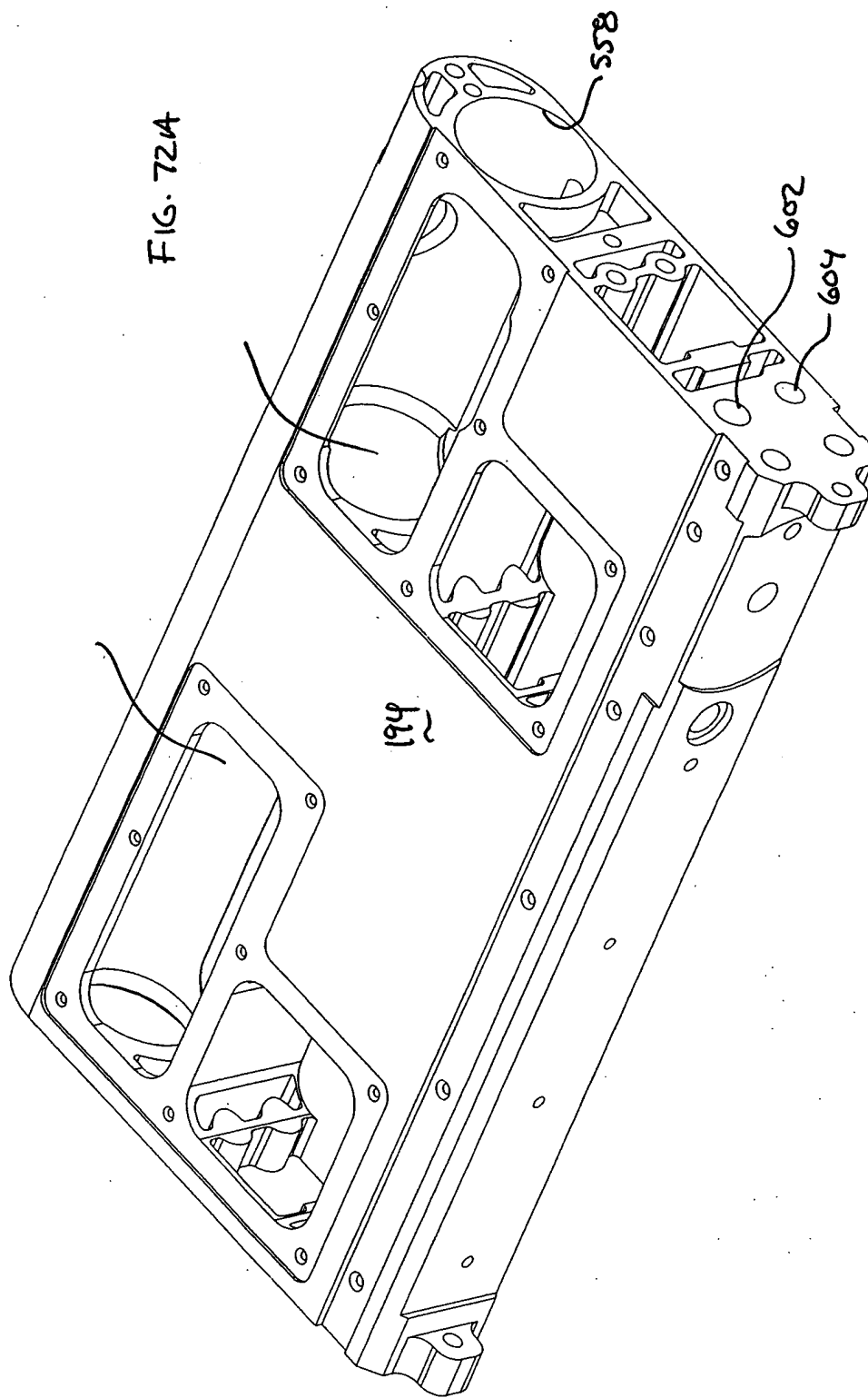


FIG. 72A

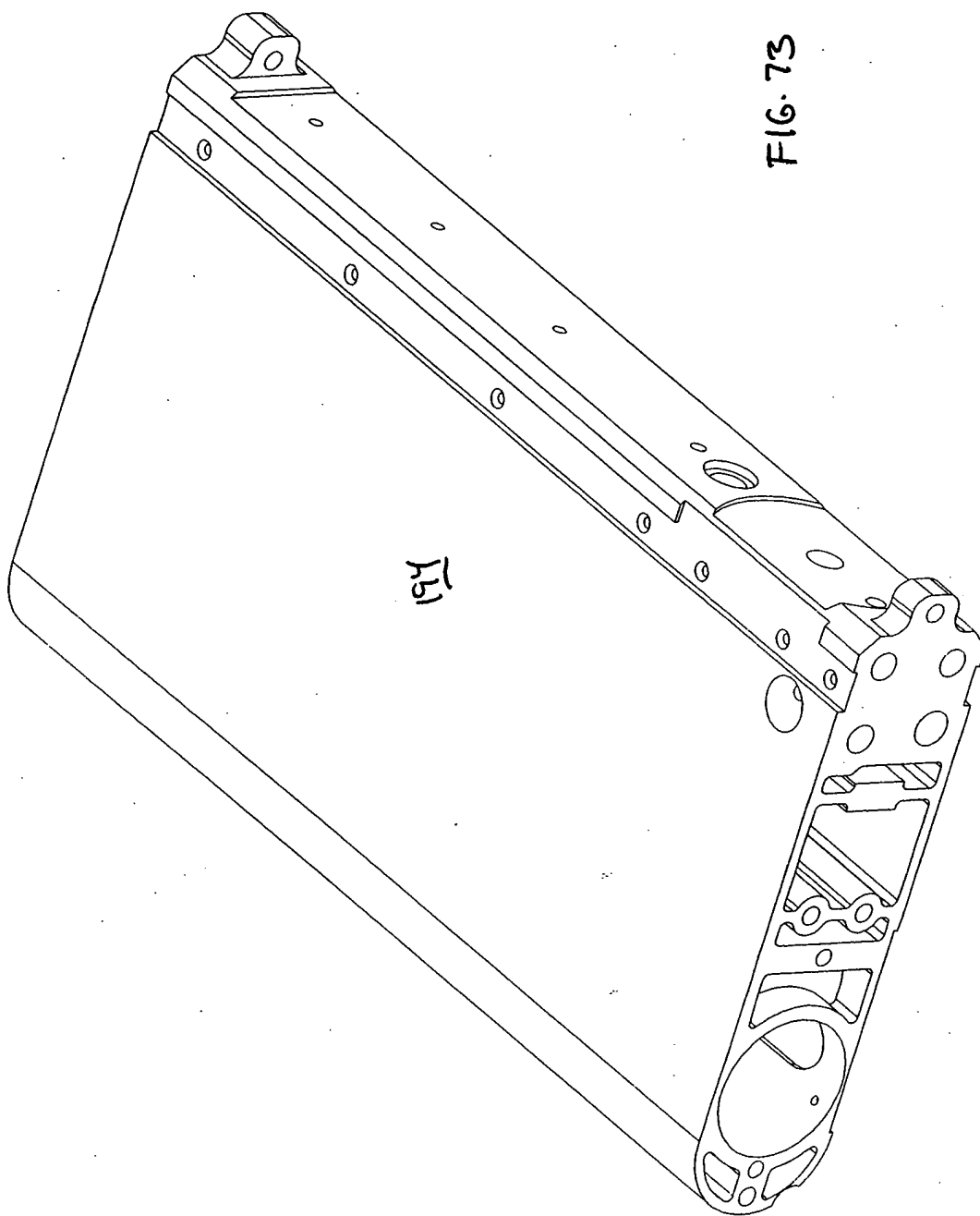


FIG. 73

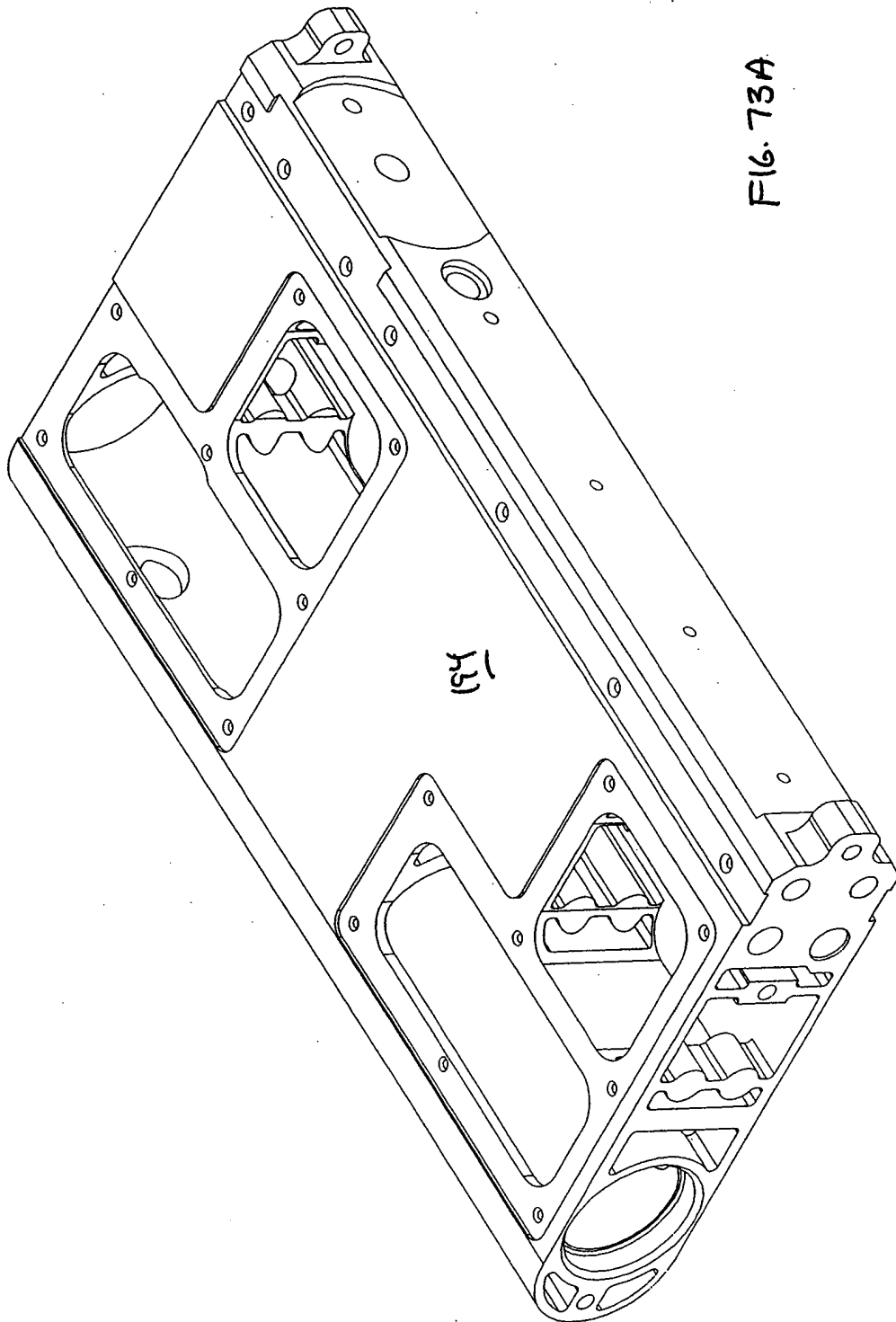


FIG. 73A

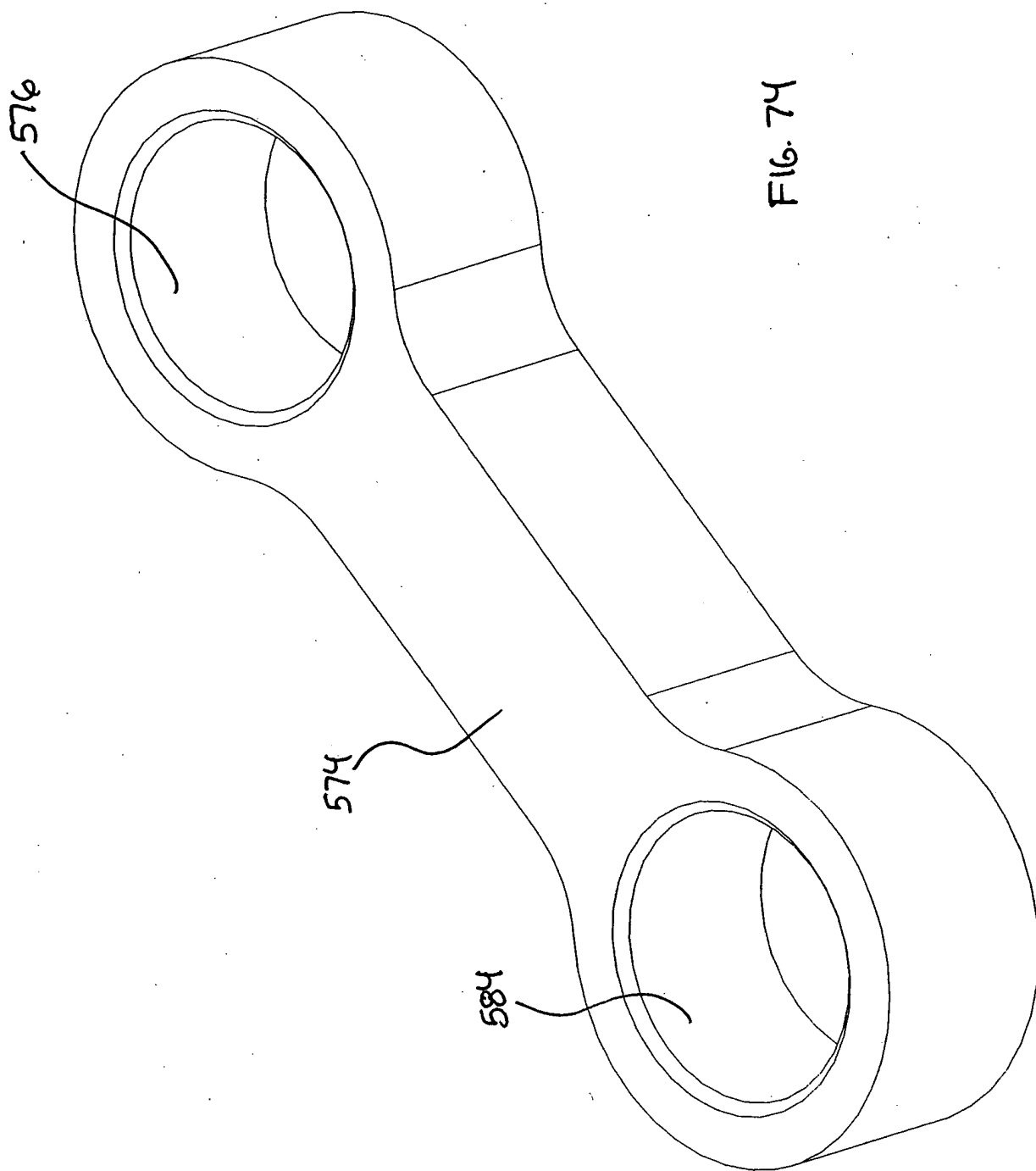
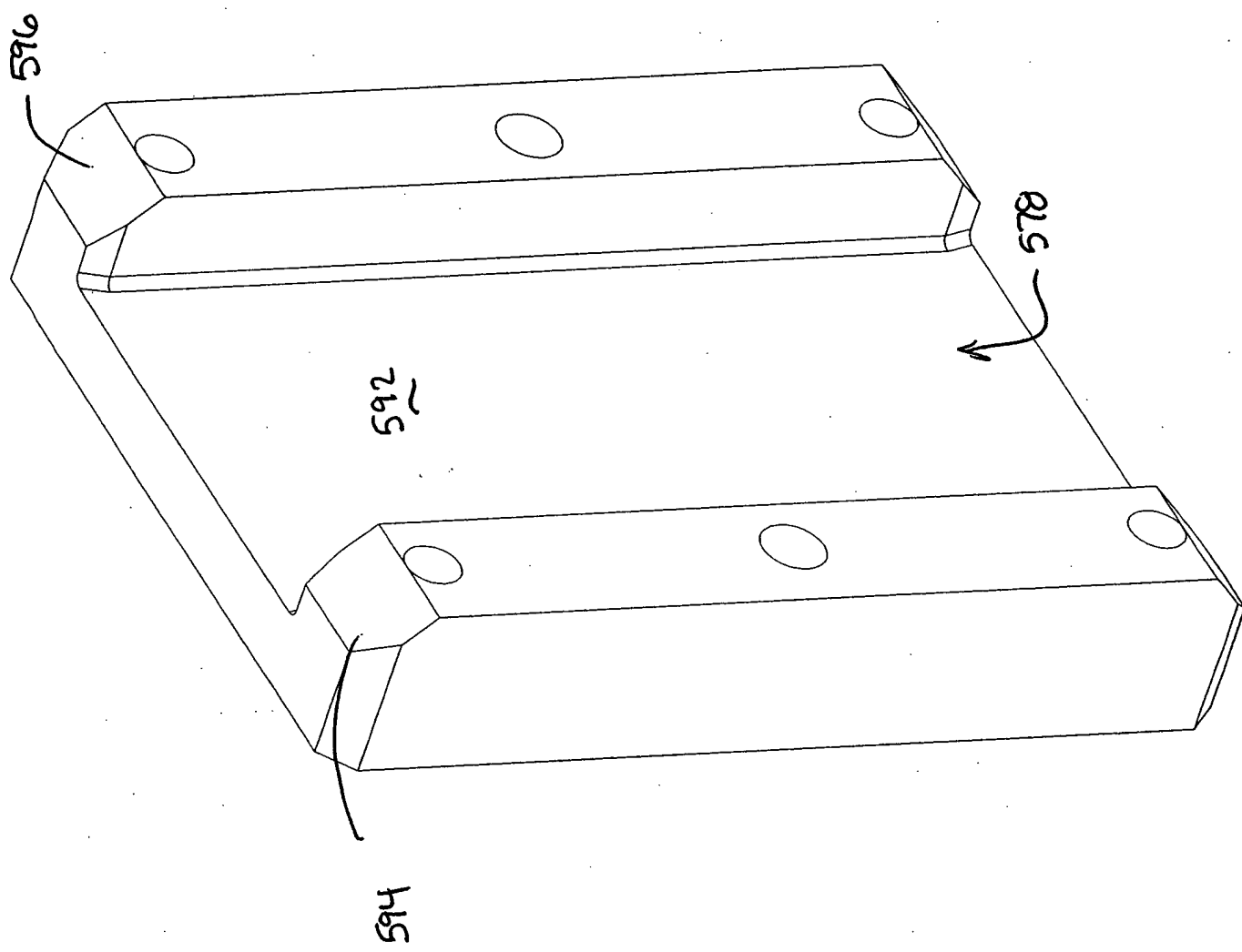


FIG. 74

FIG 75



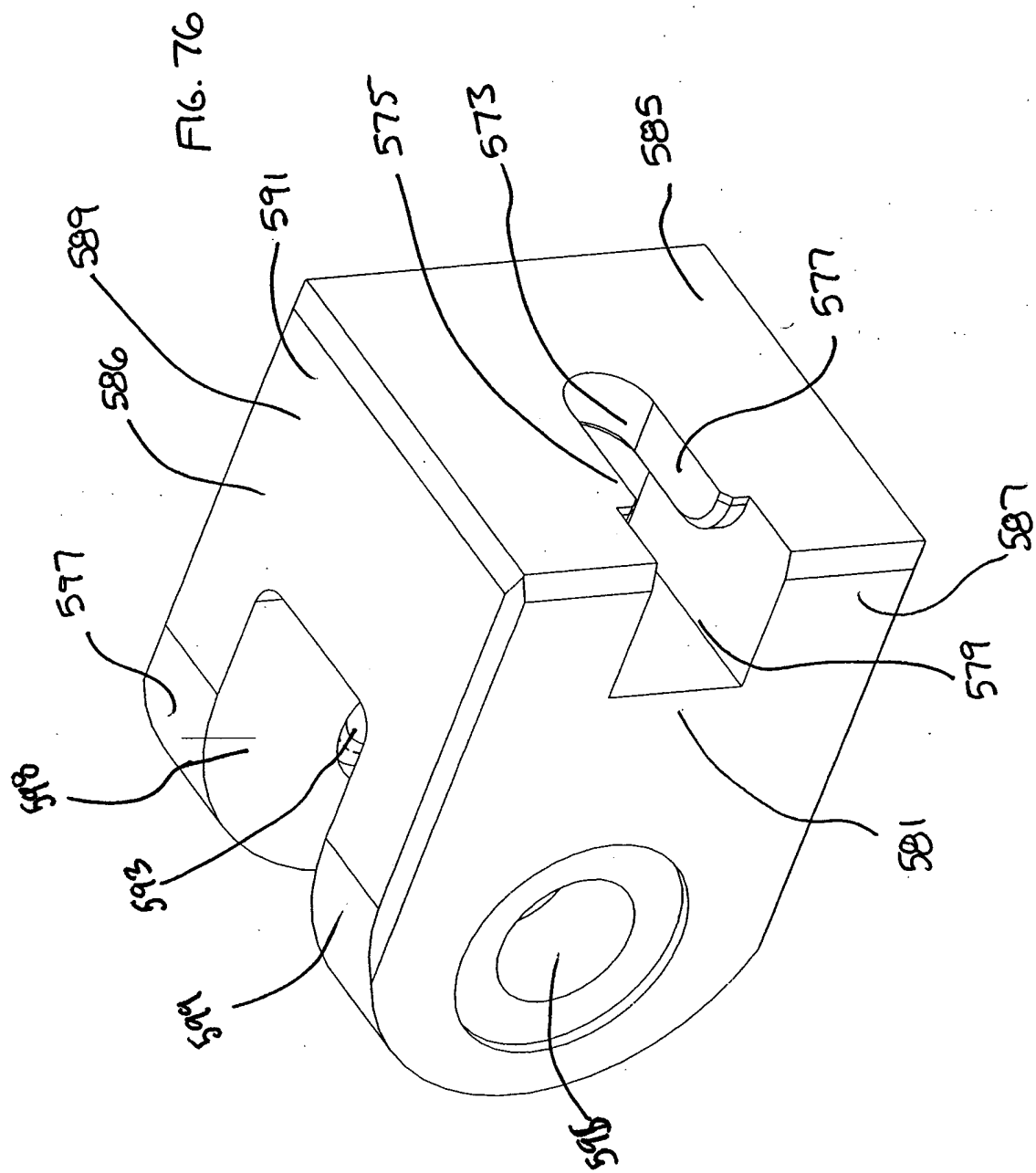
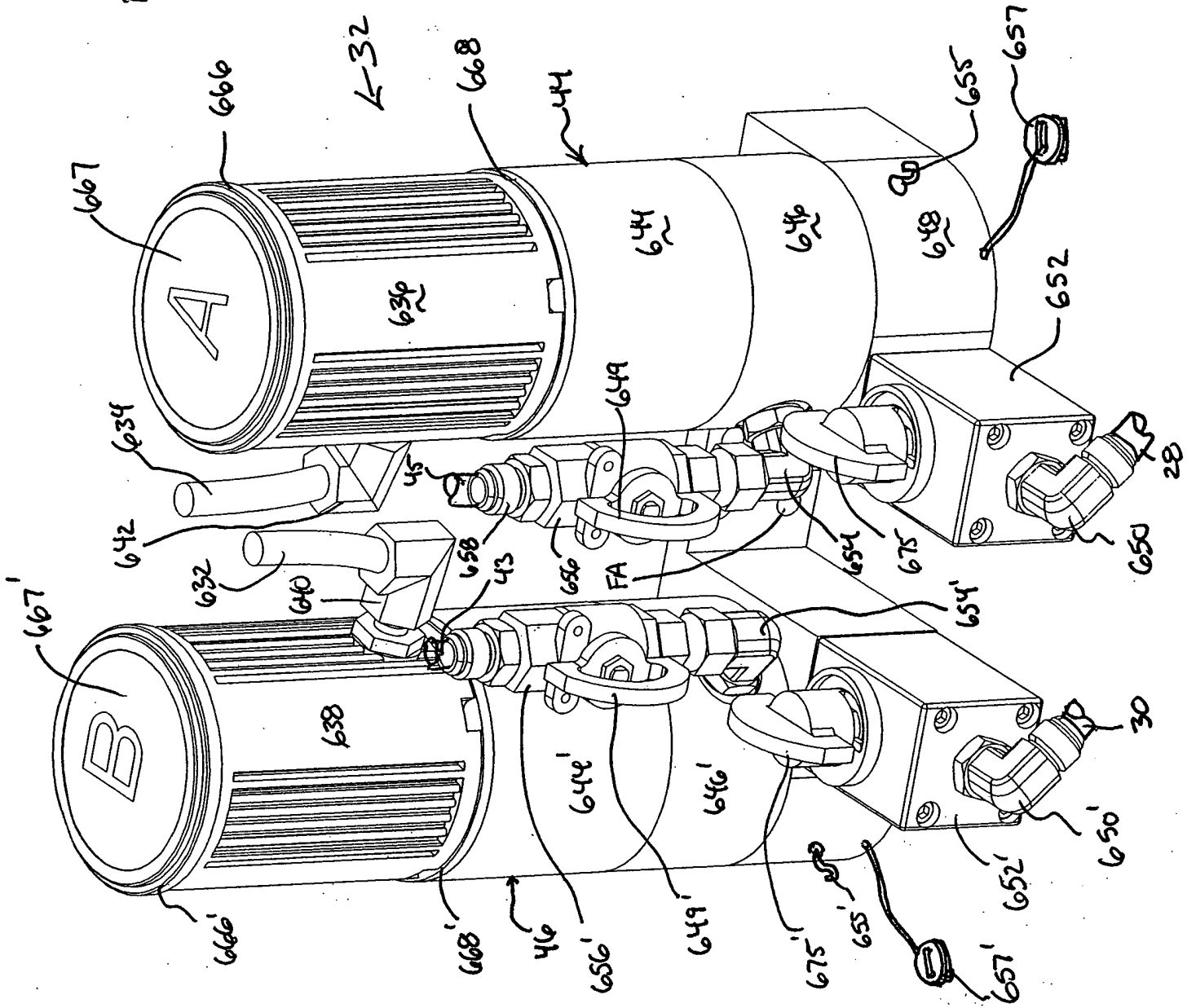
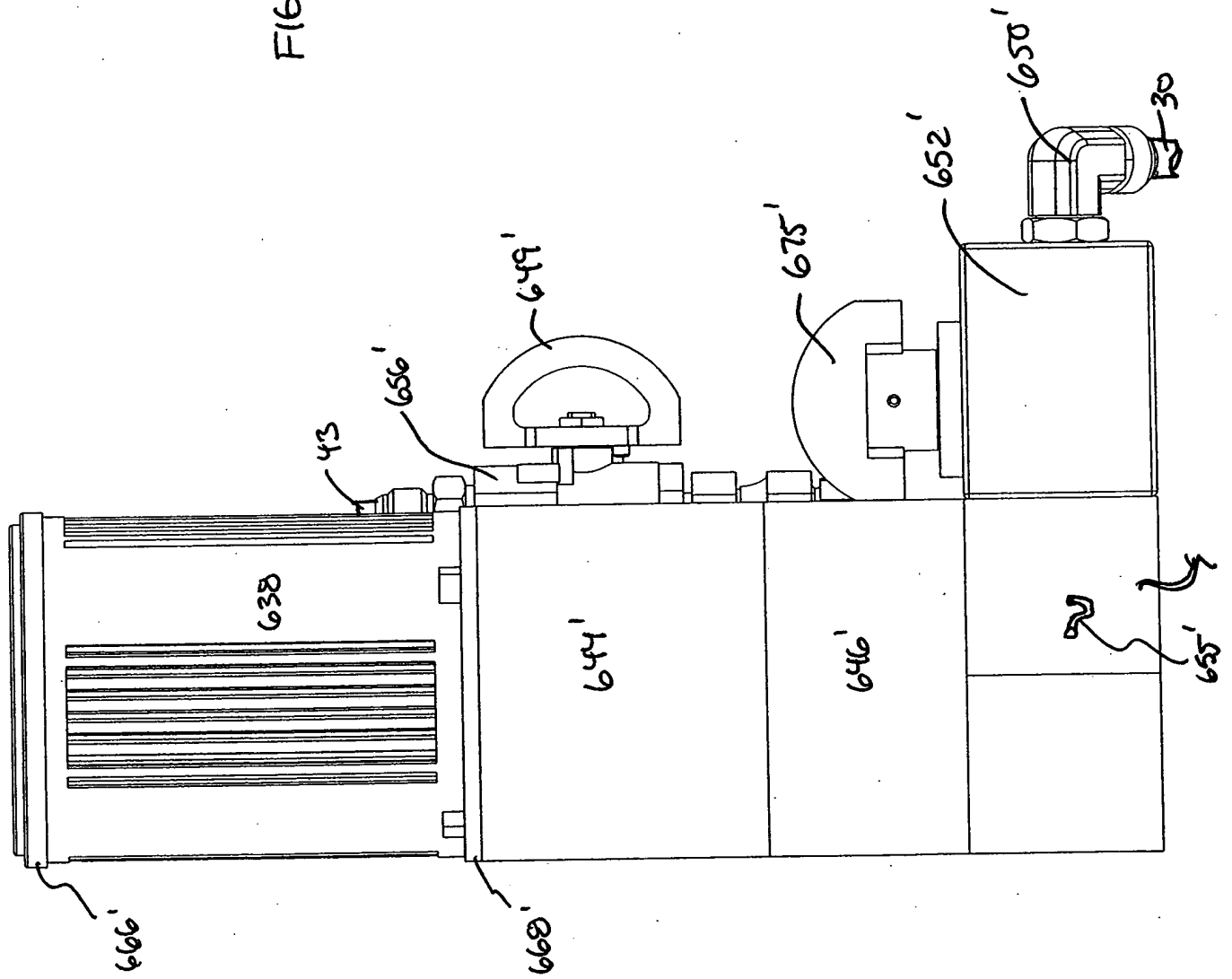
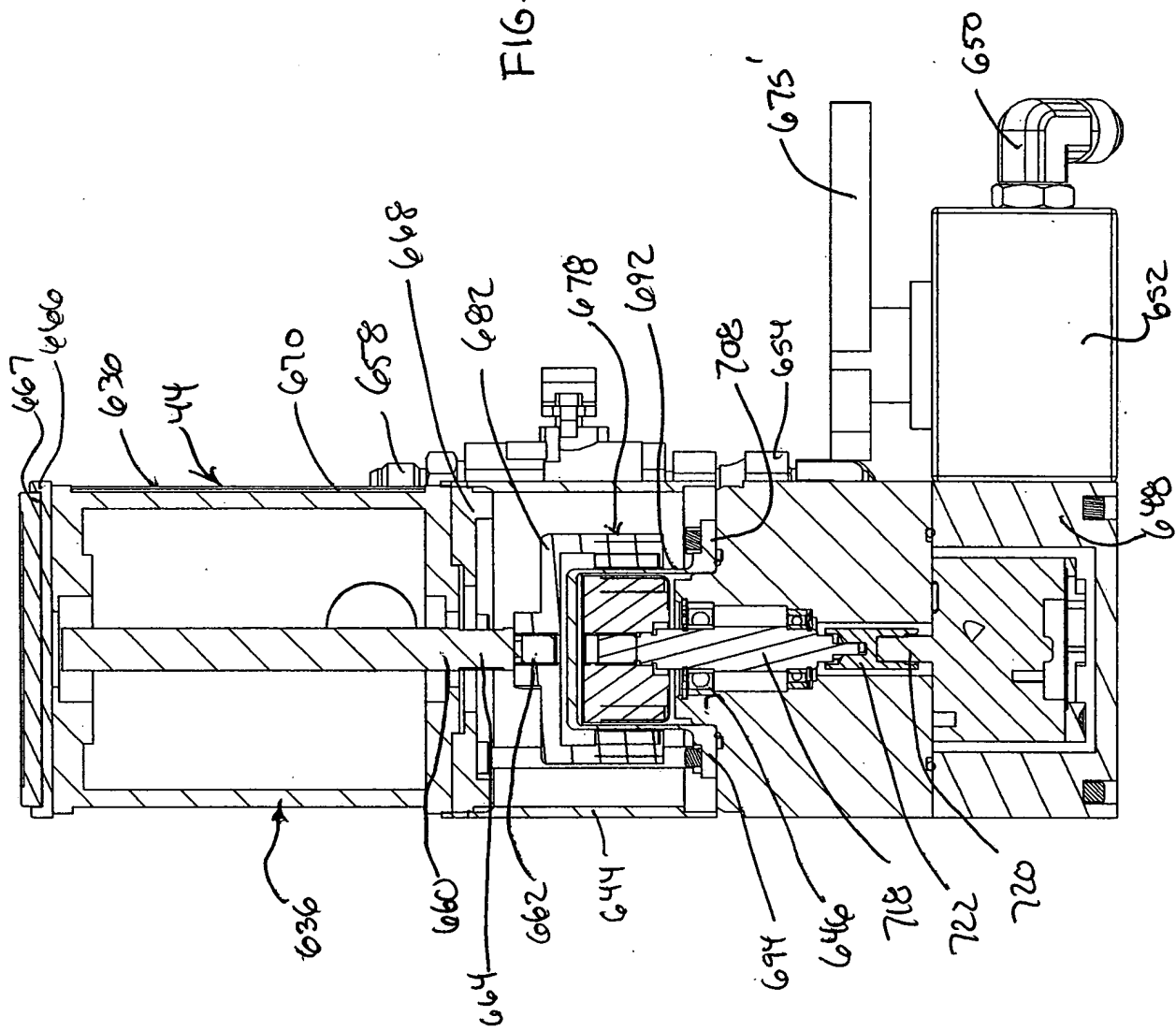


FIG. 77



F16.77A





82.91F

FIG. 79

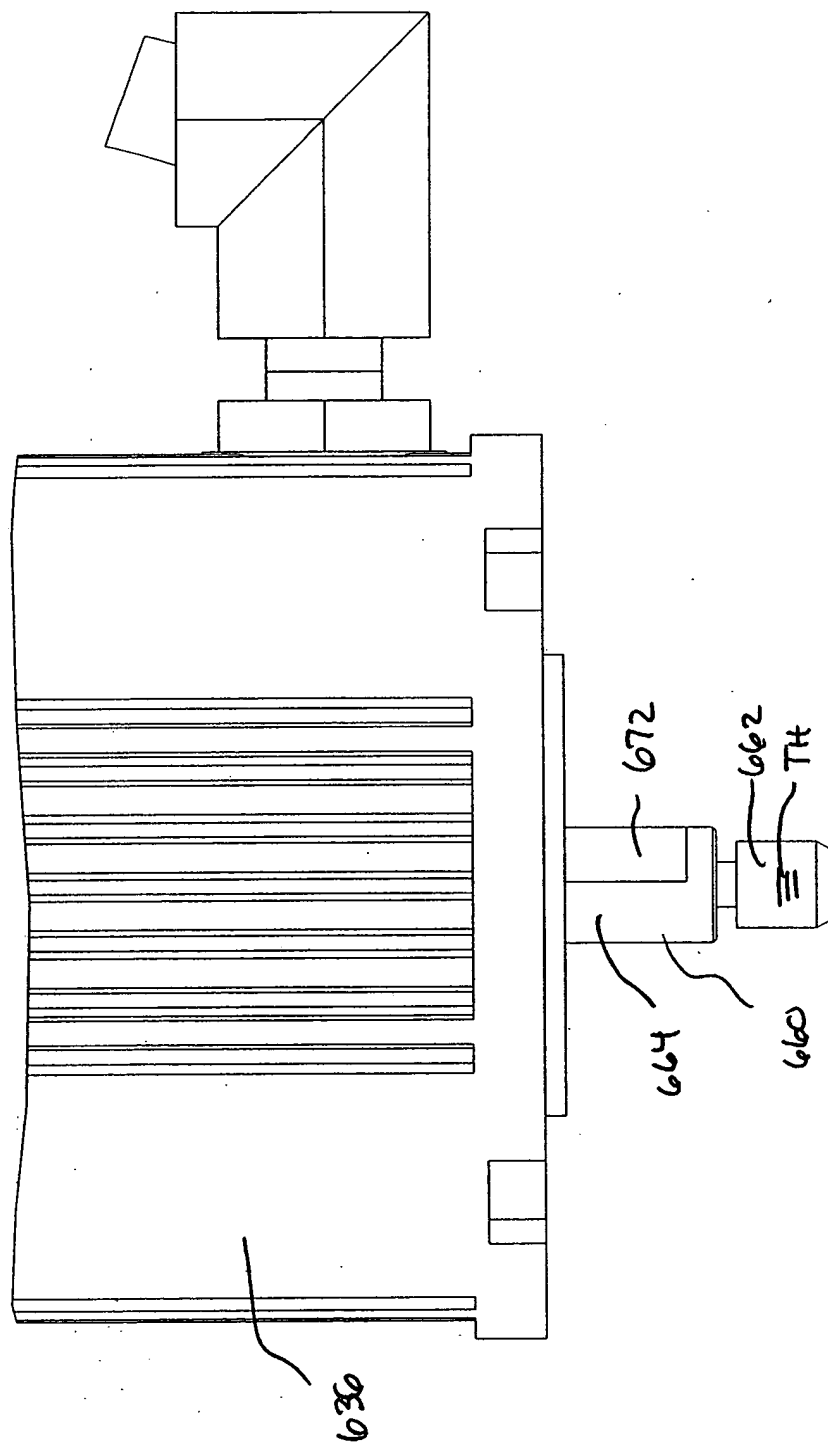
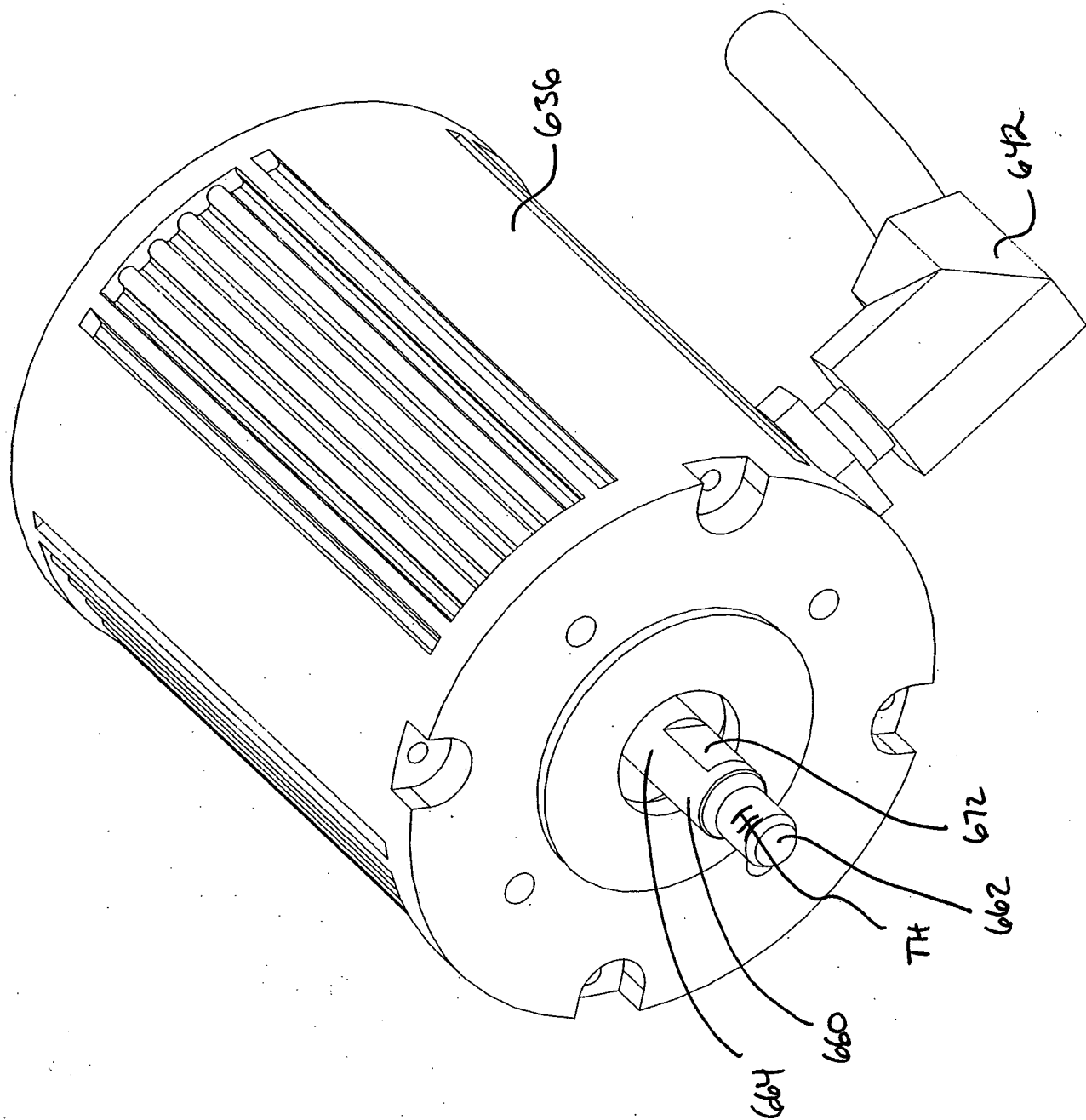
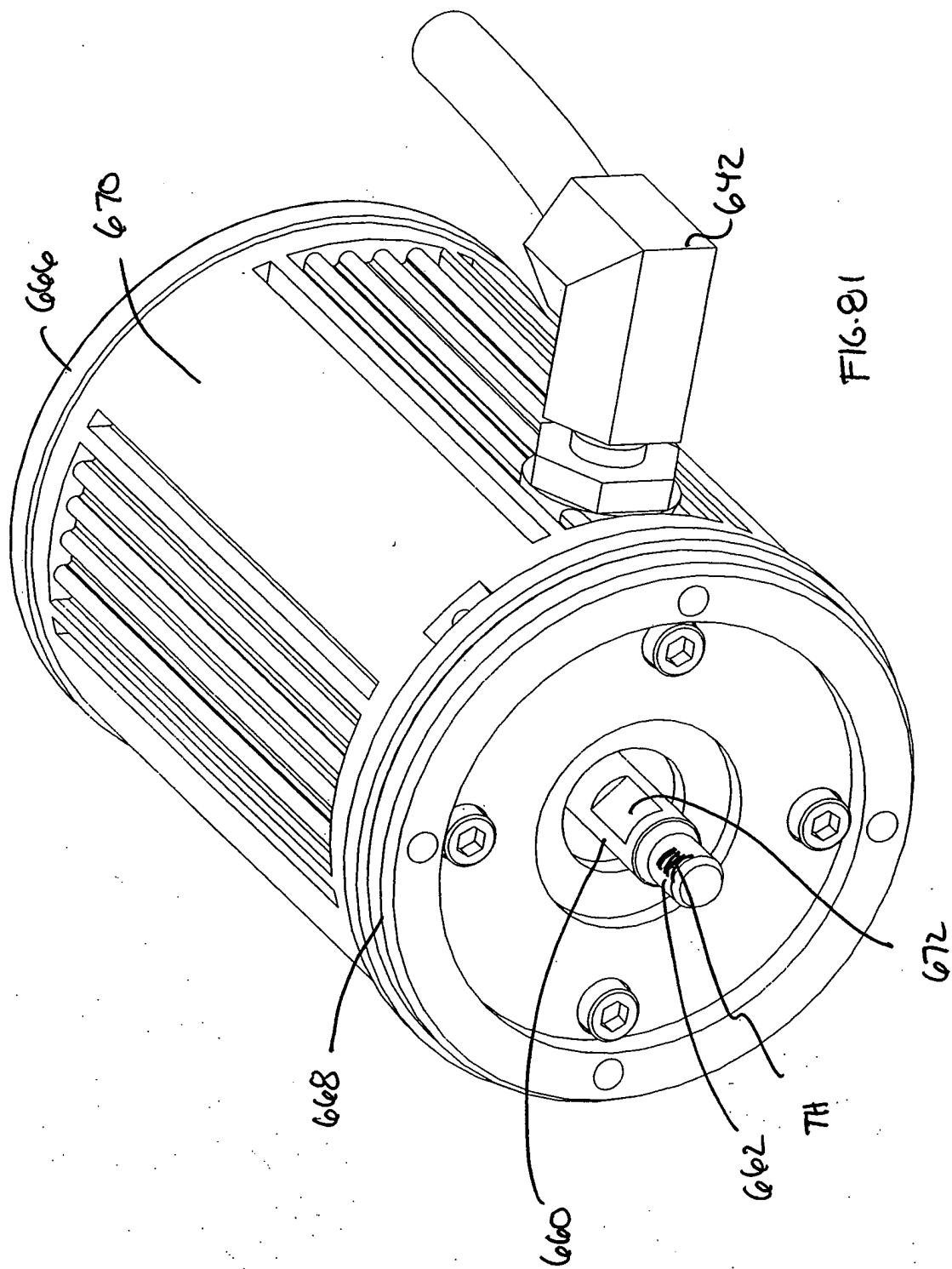


FIG. 80





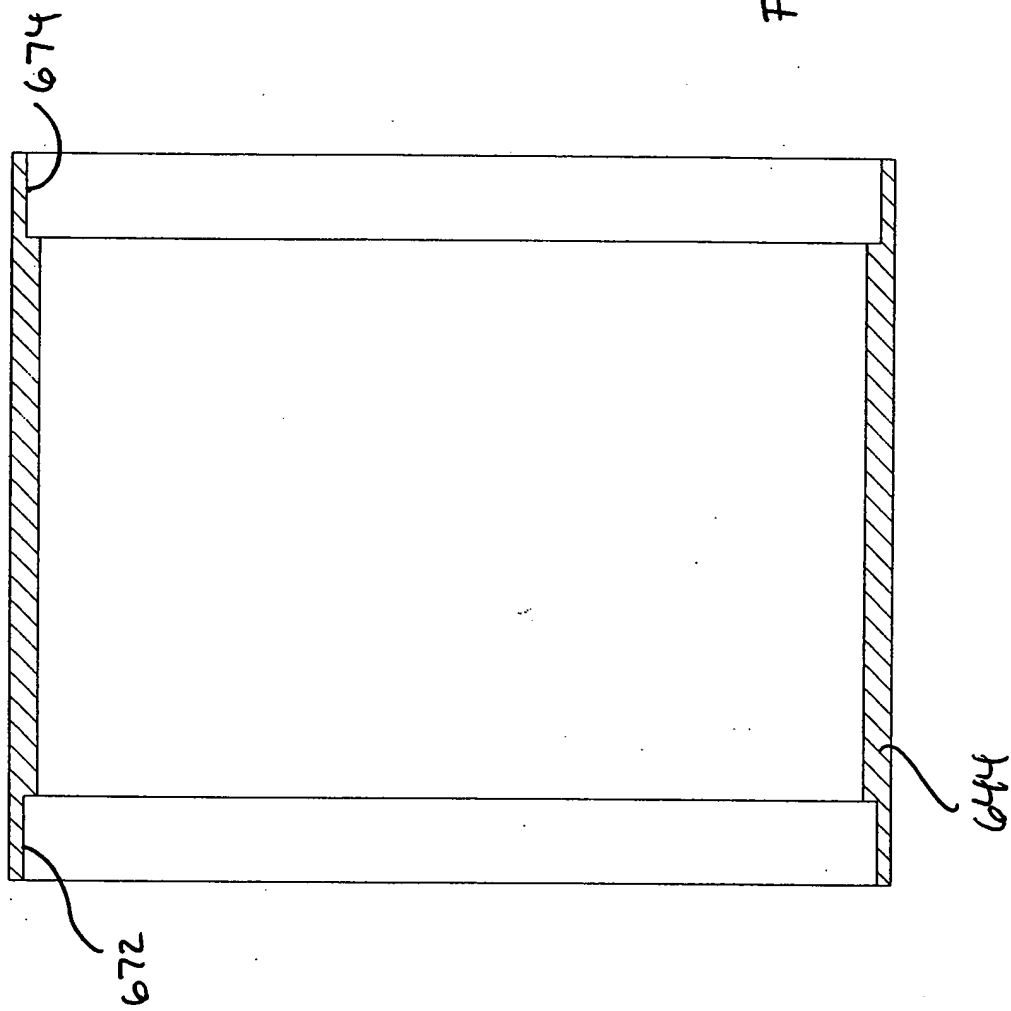
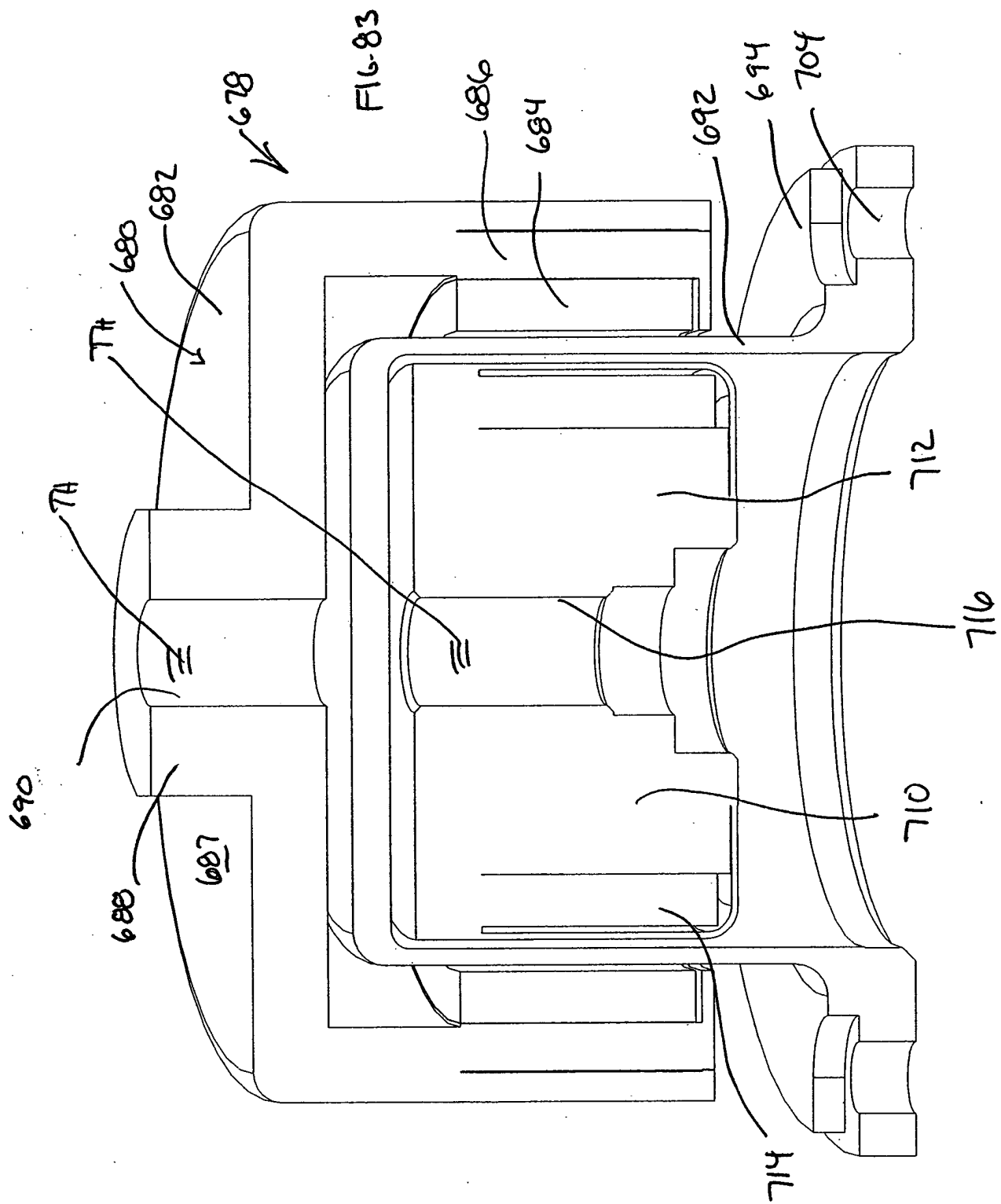


FIG. 82



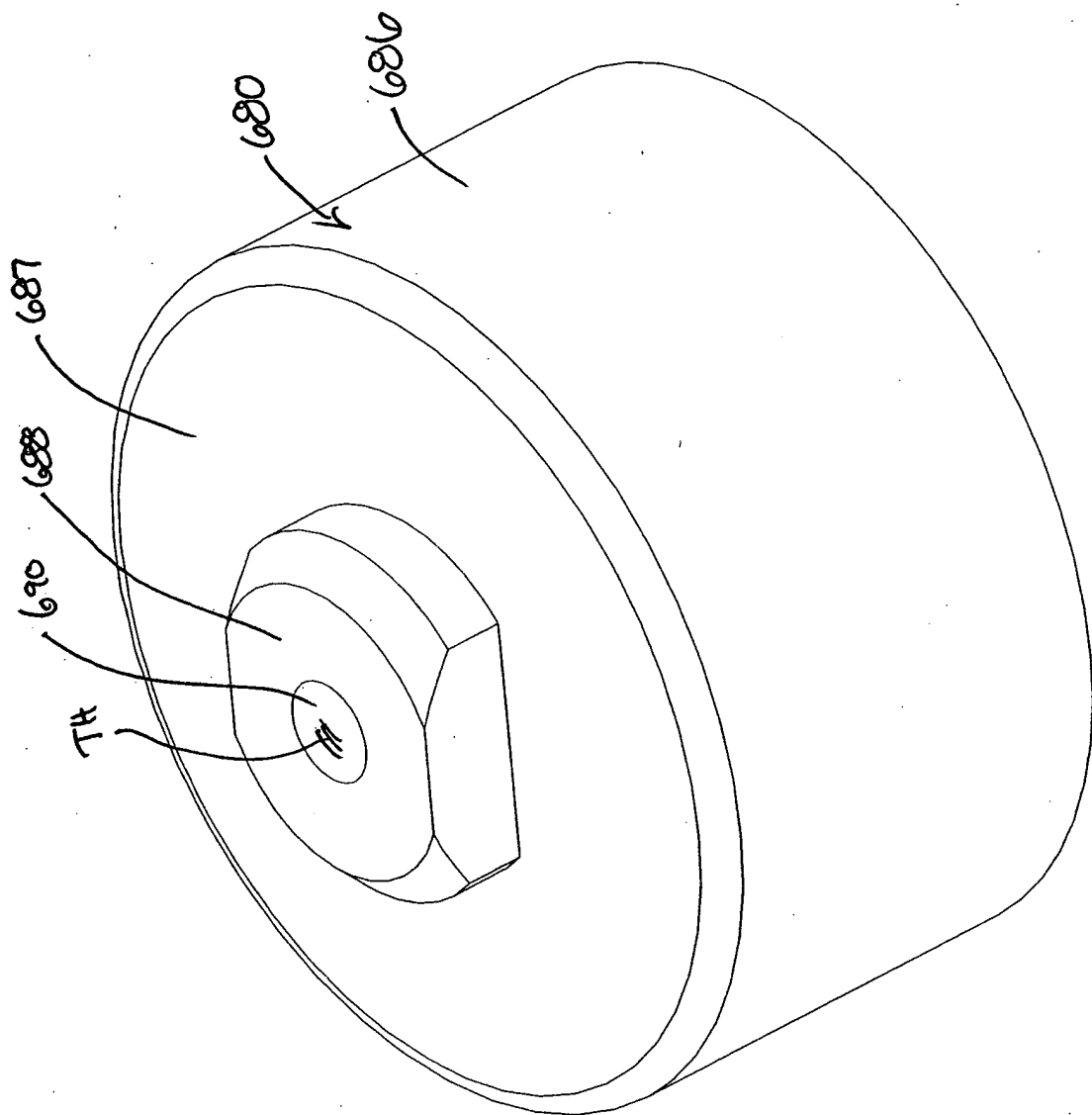


FIG. 84

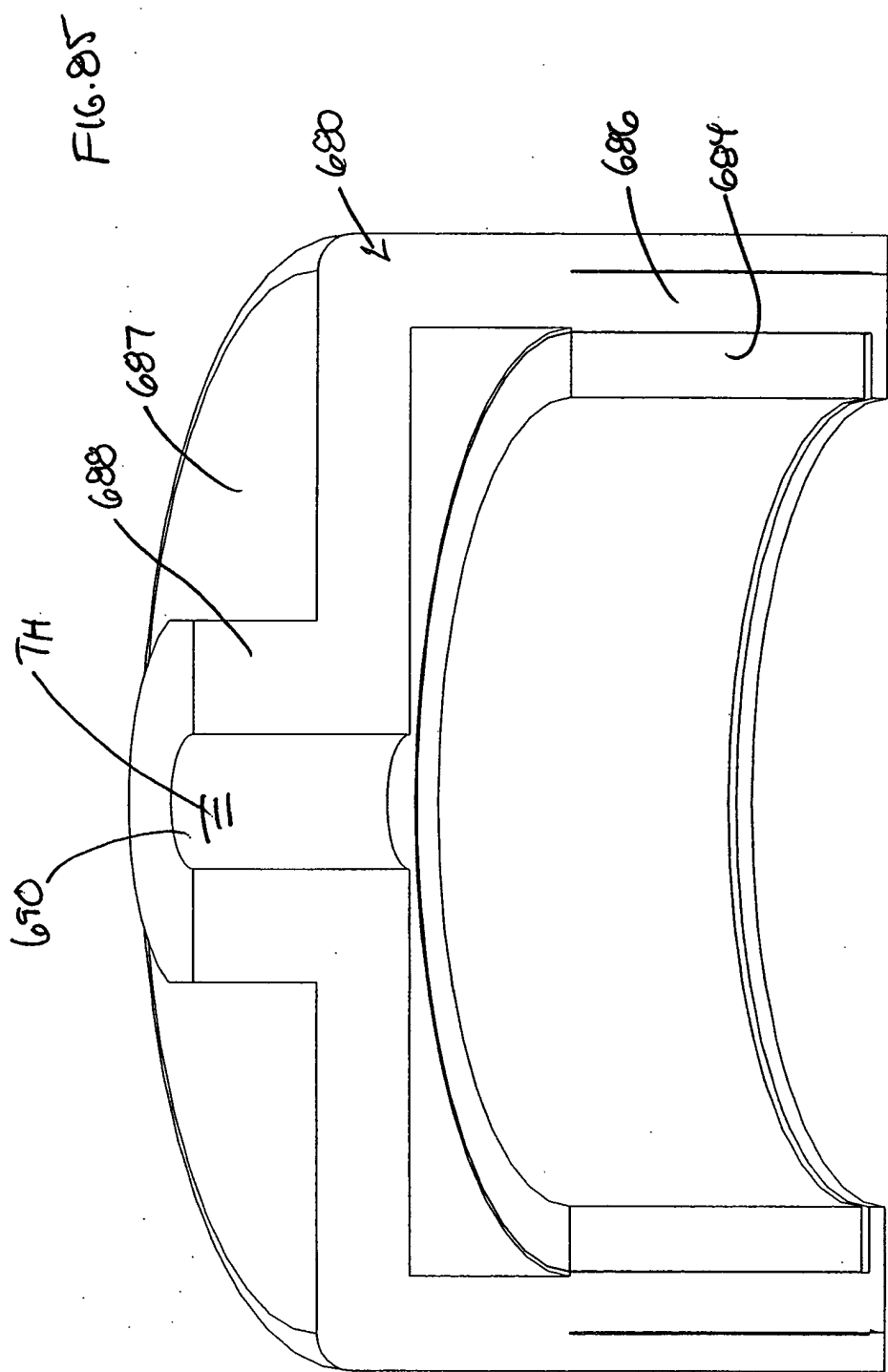


FIG. 8C

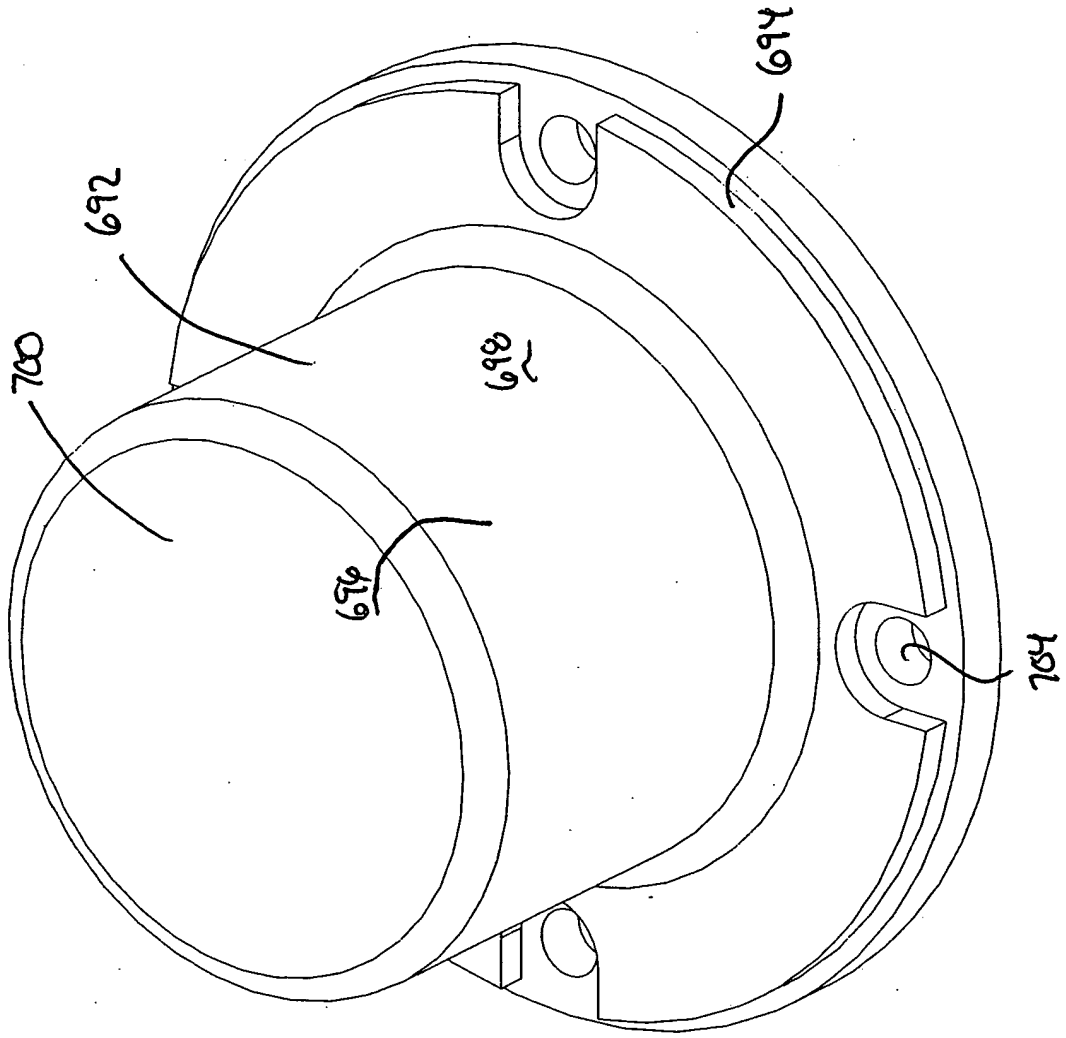
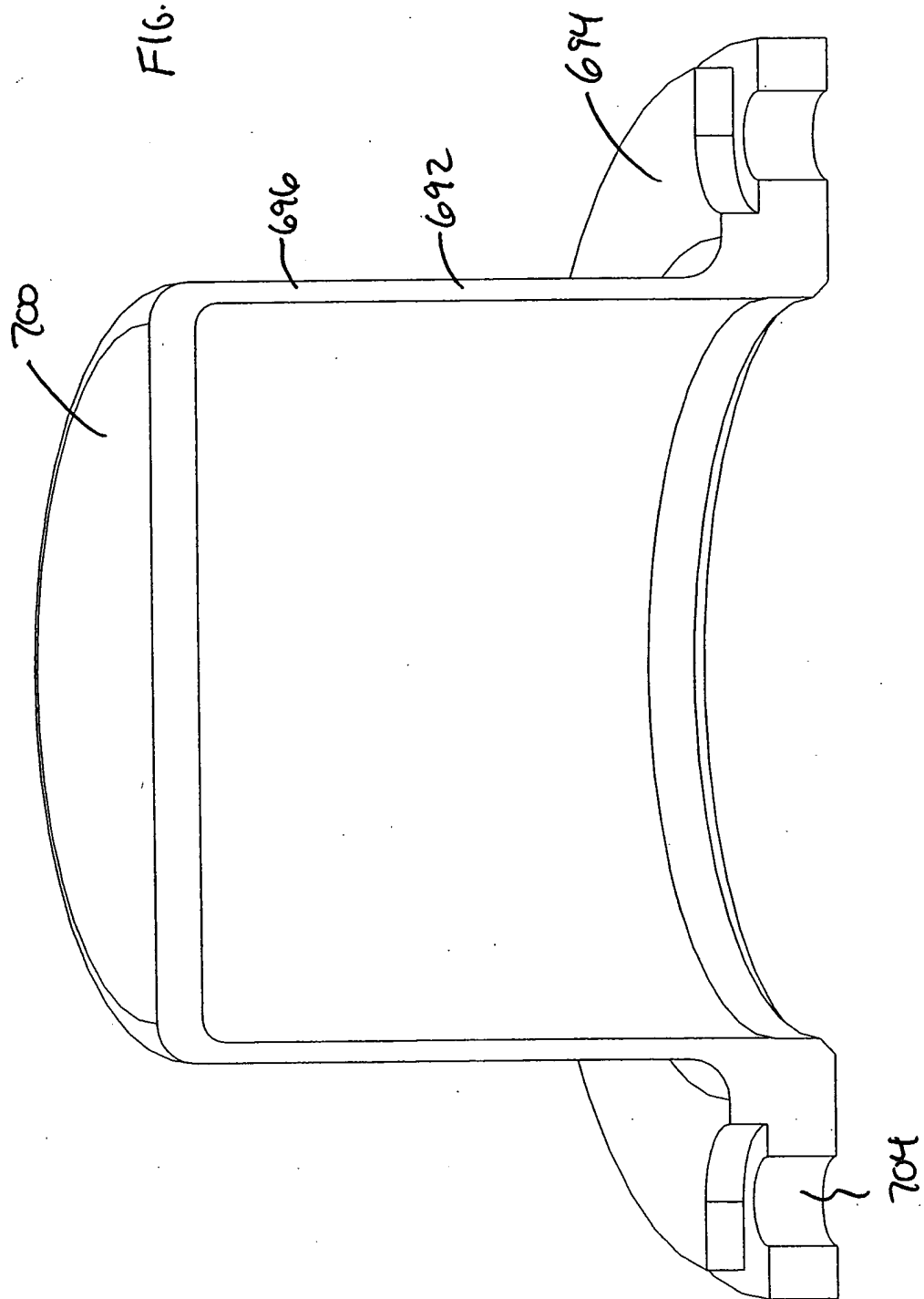


FIG. 87



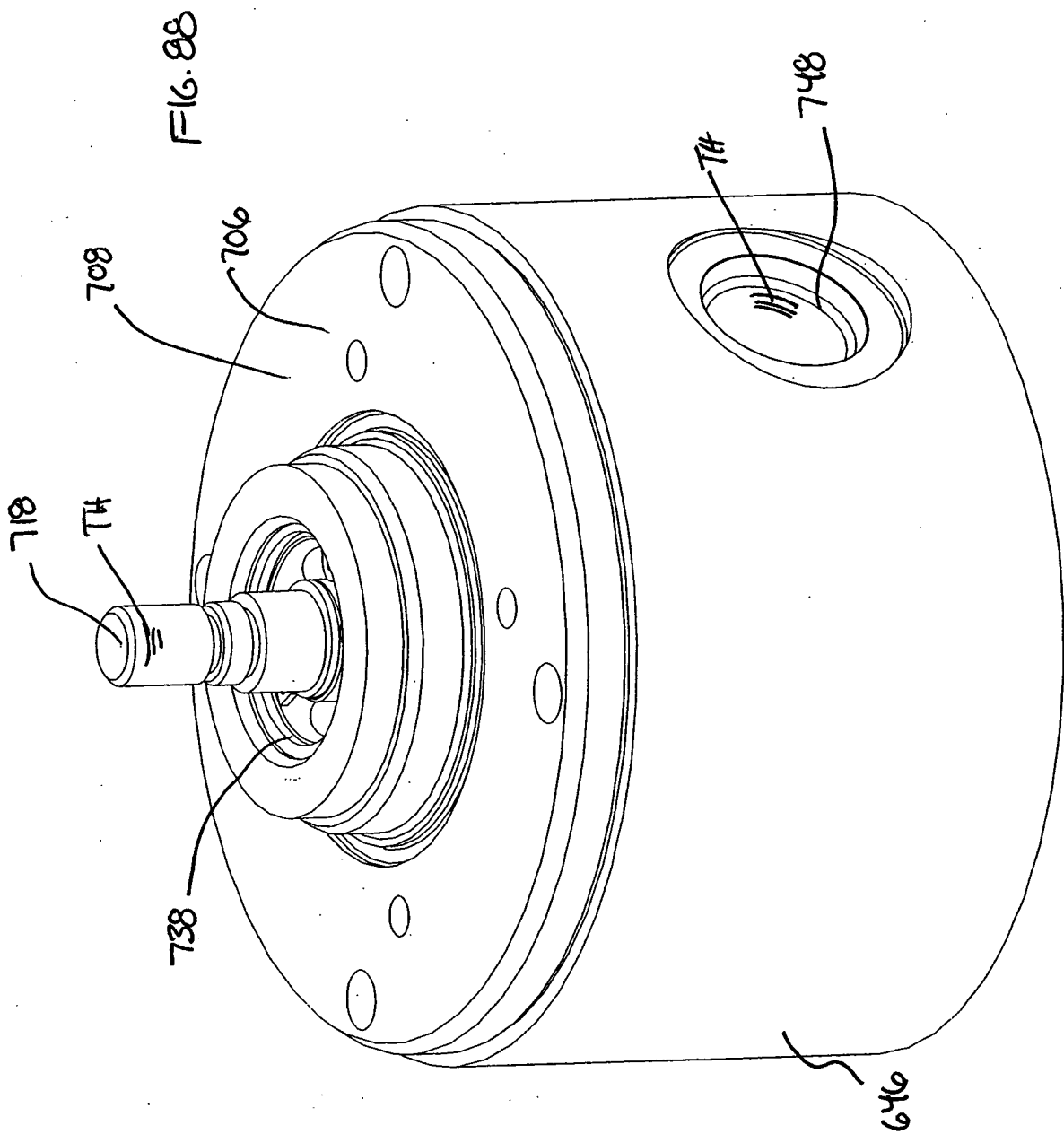
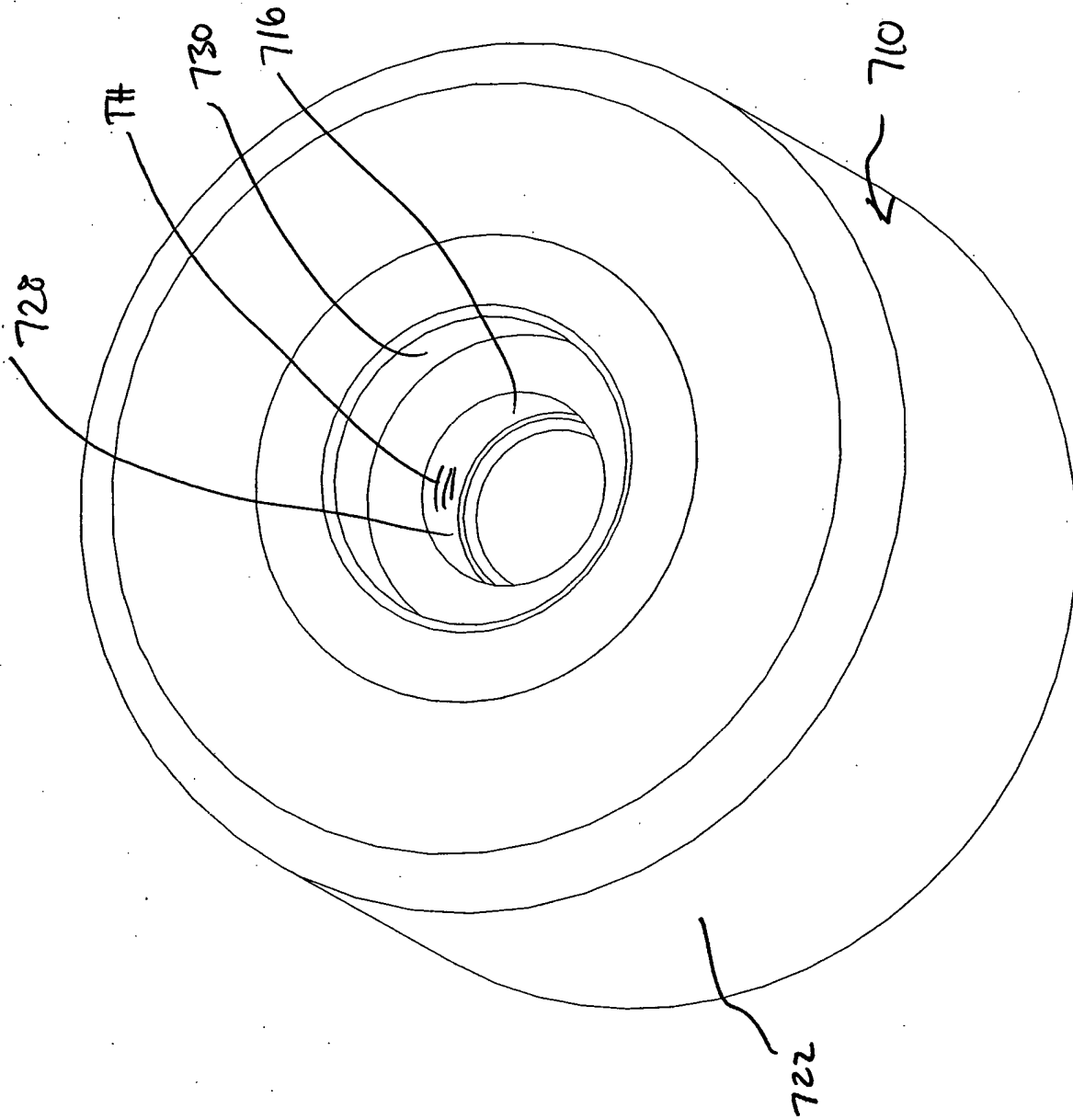


FIG. 89A



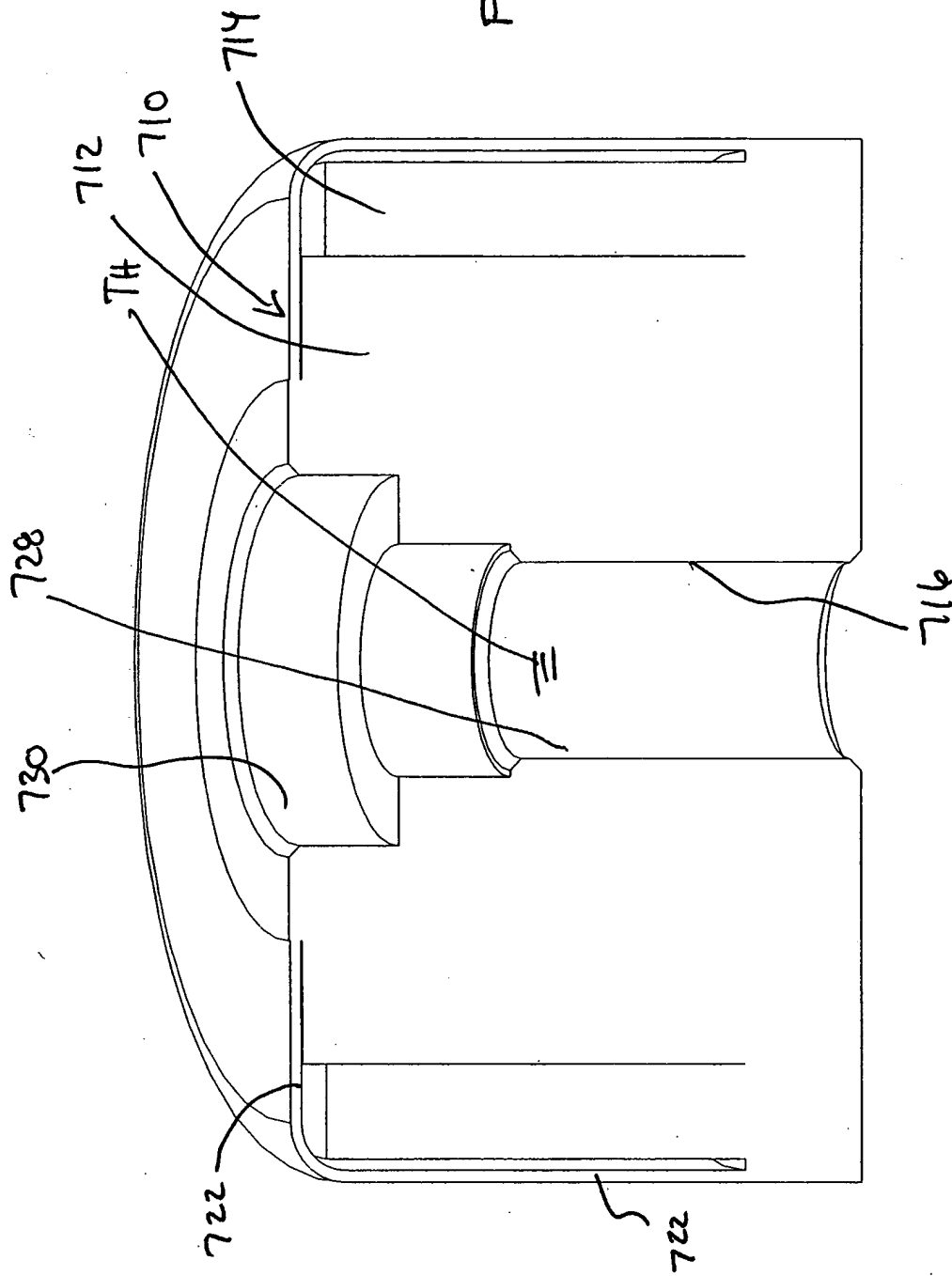
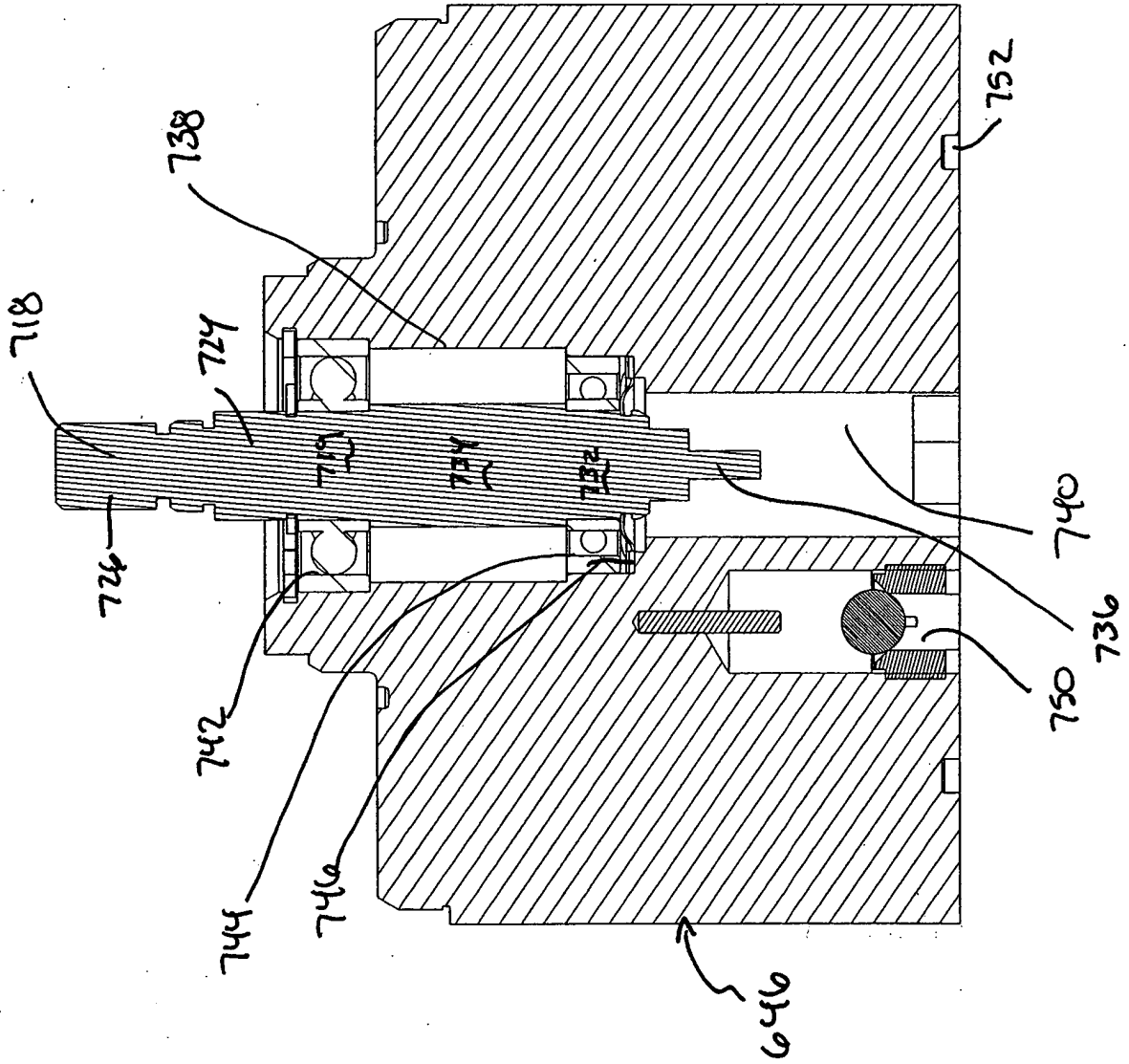


FIG. 90



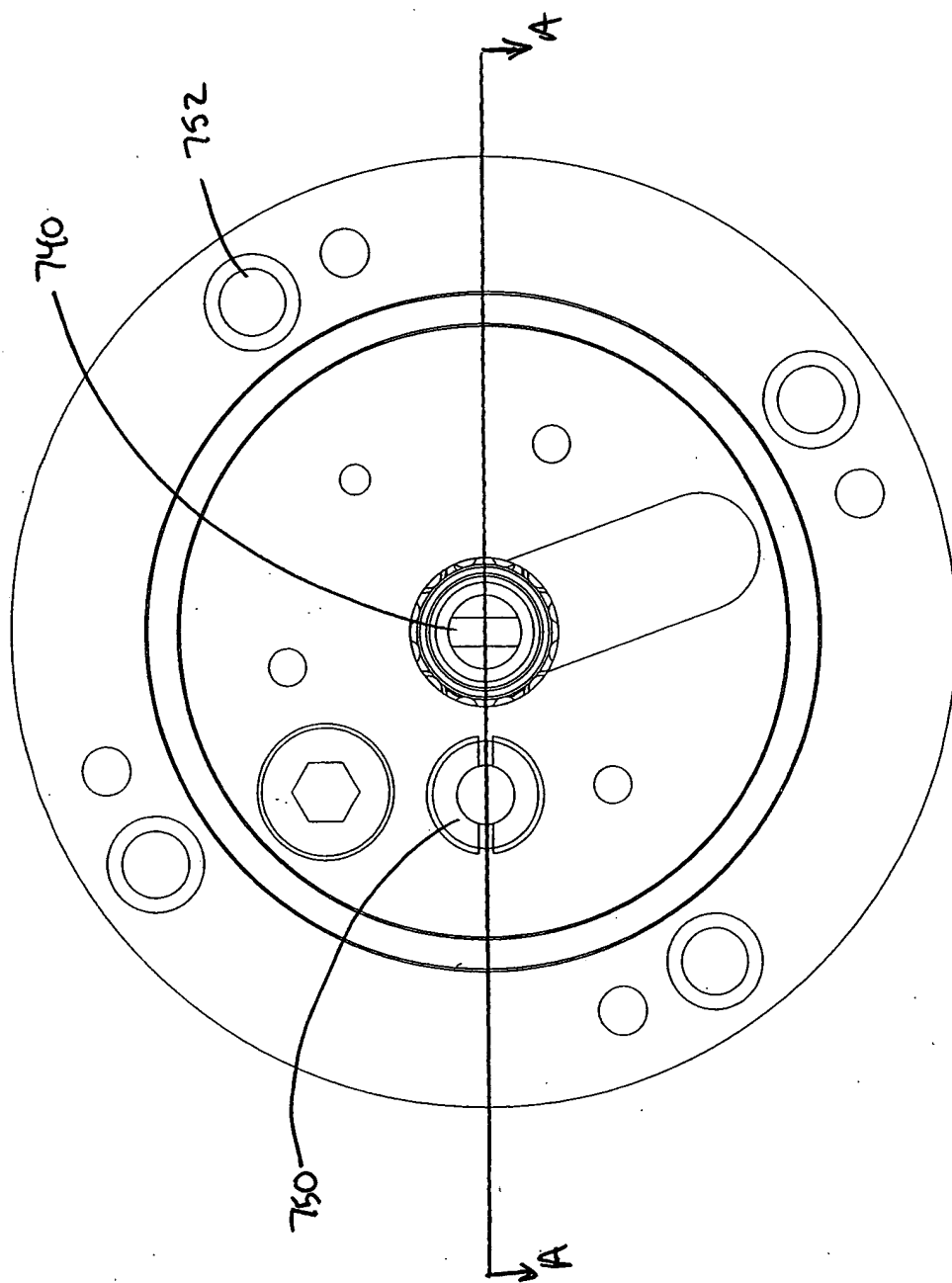
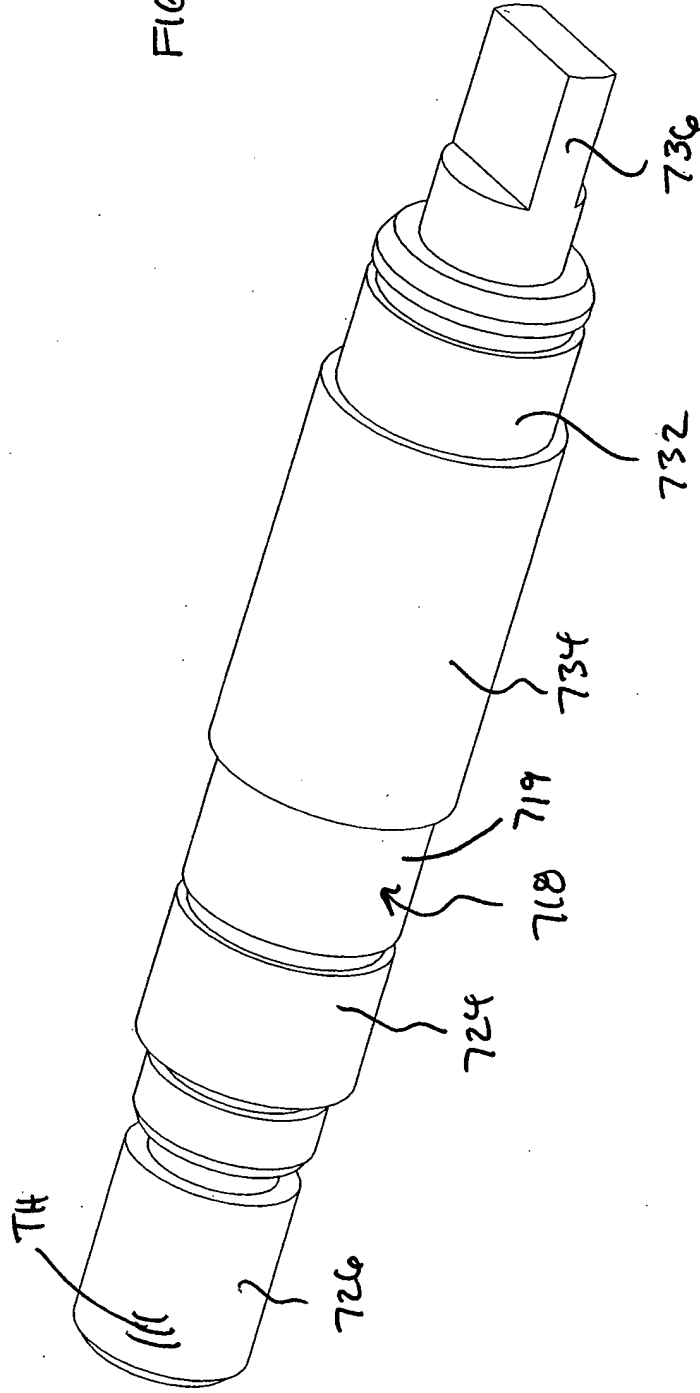


FIG. 91

FIG. 92



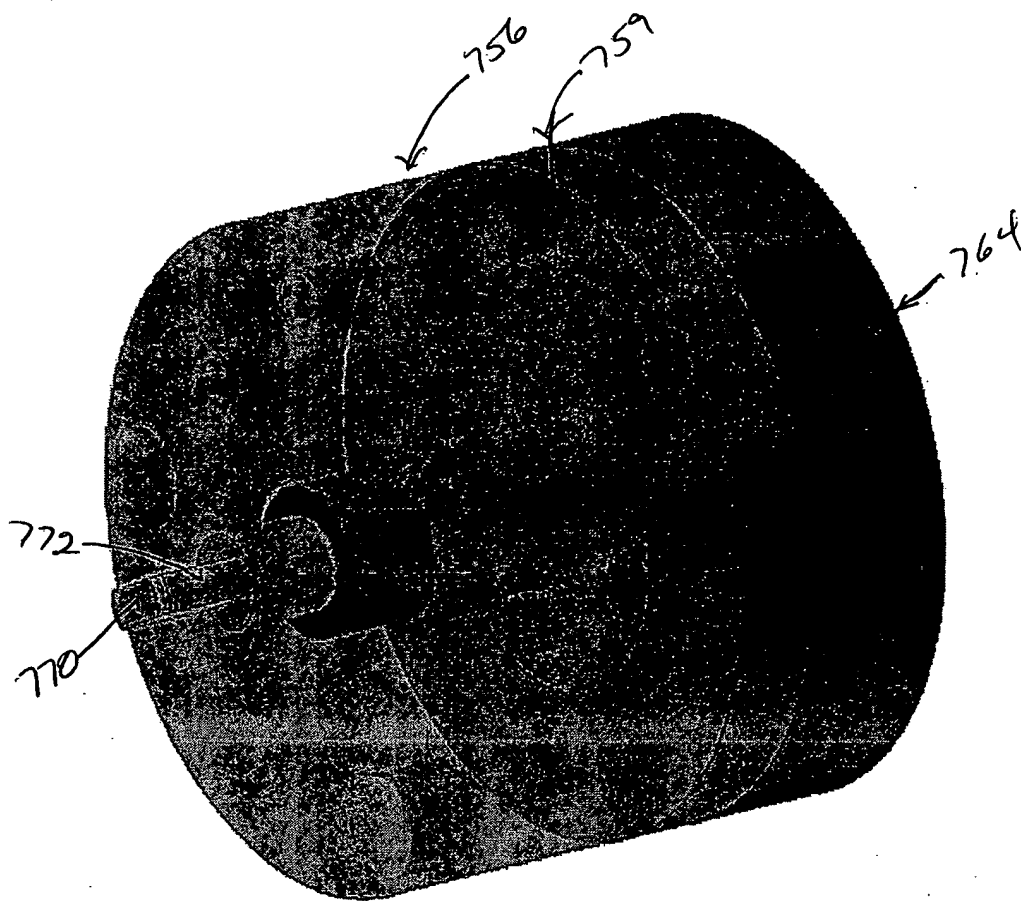


FIG. 93

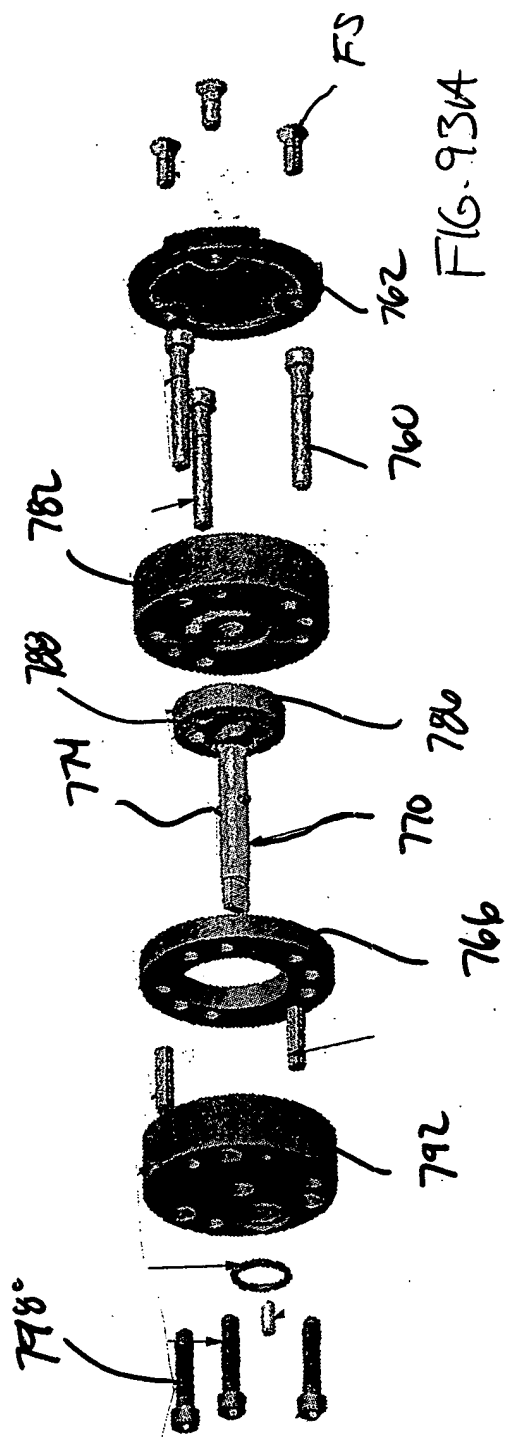


FIG. 93A

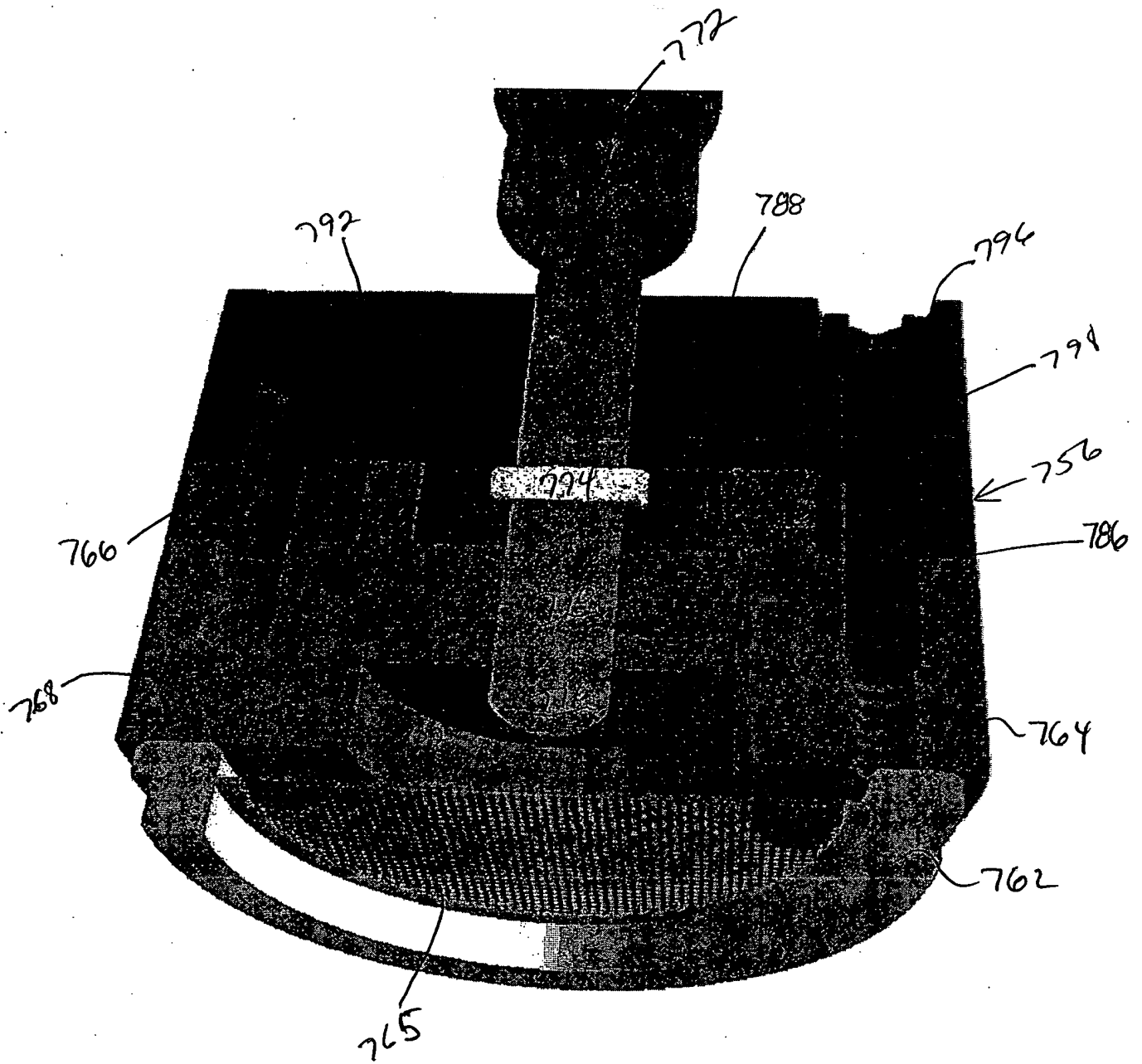


FIG. 94

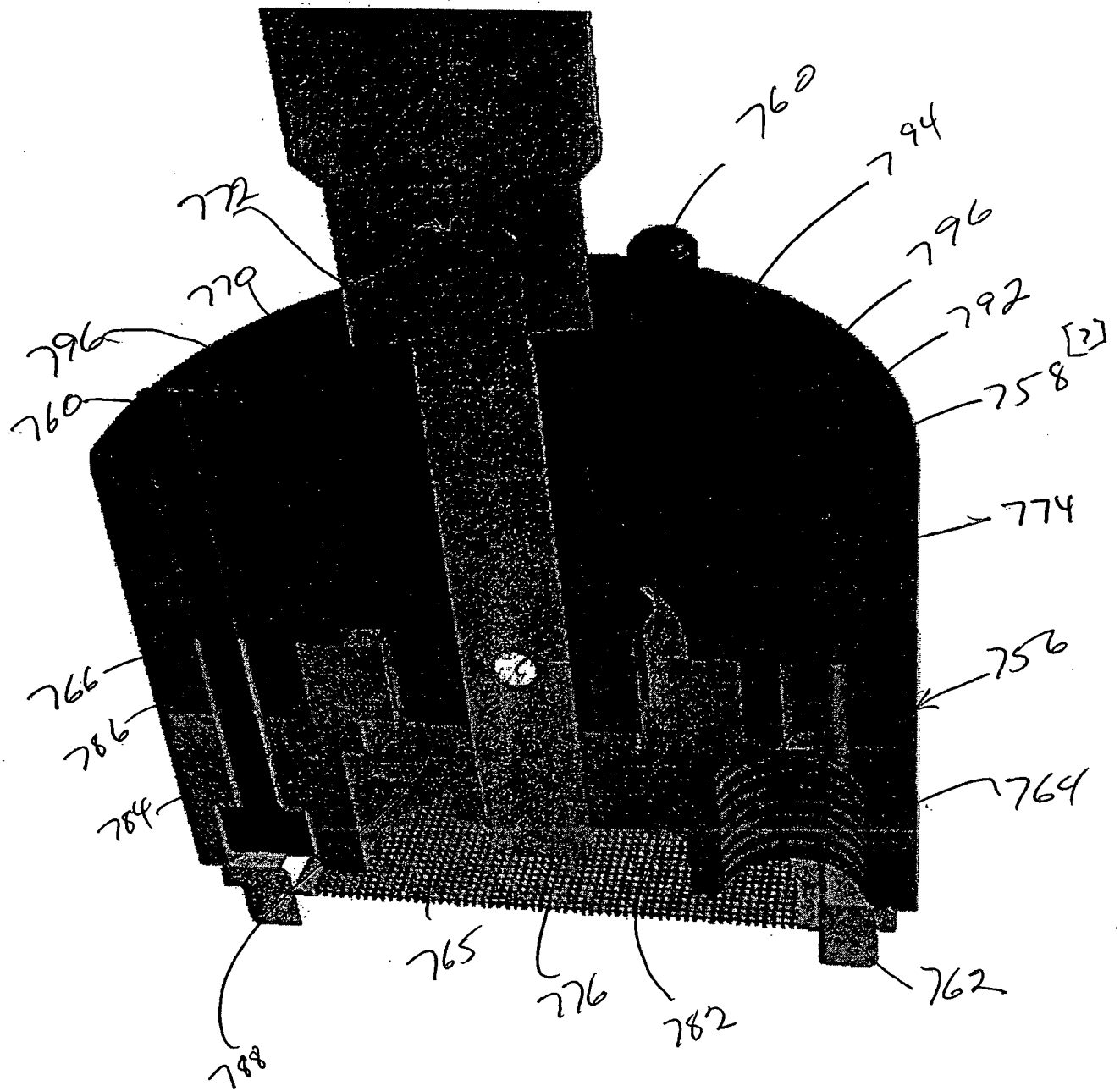
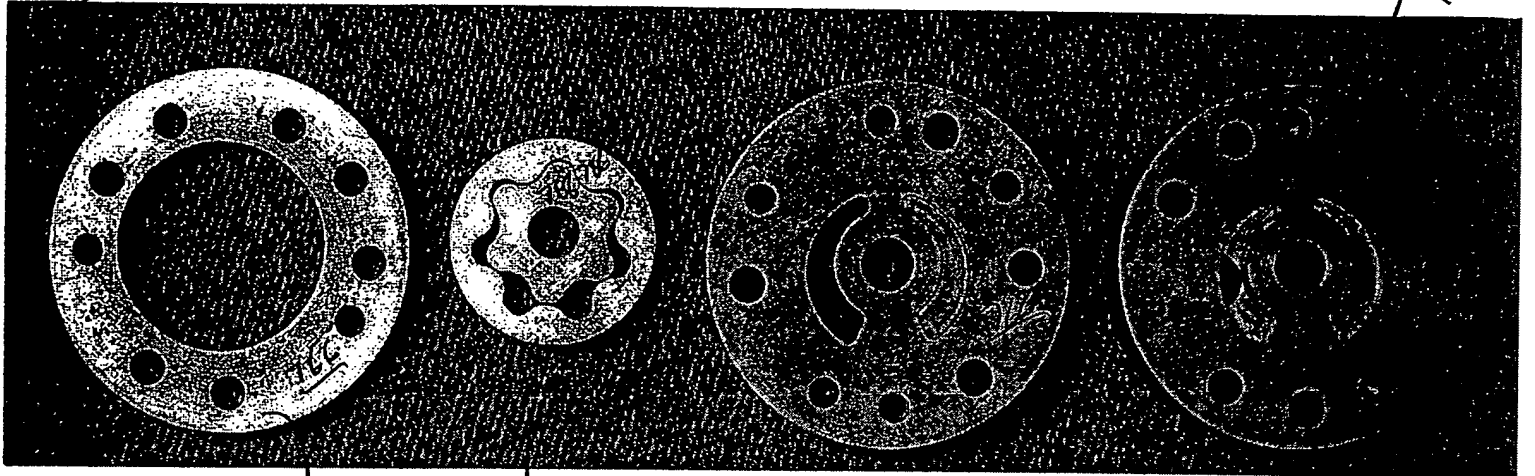


FIG. 95

FIG. 96

294



766

768

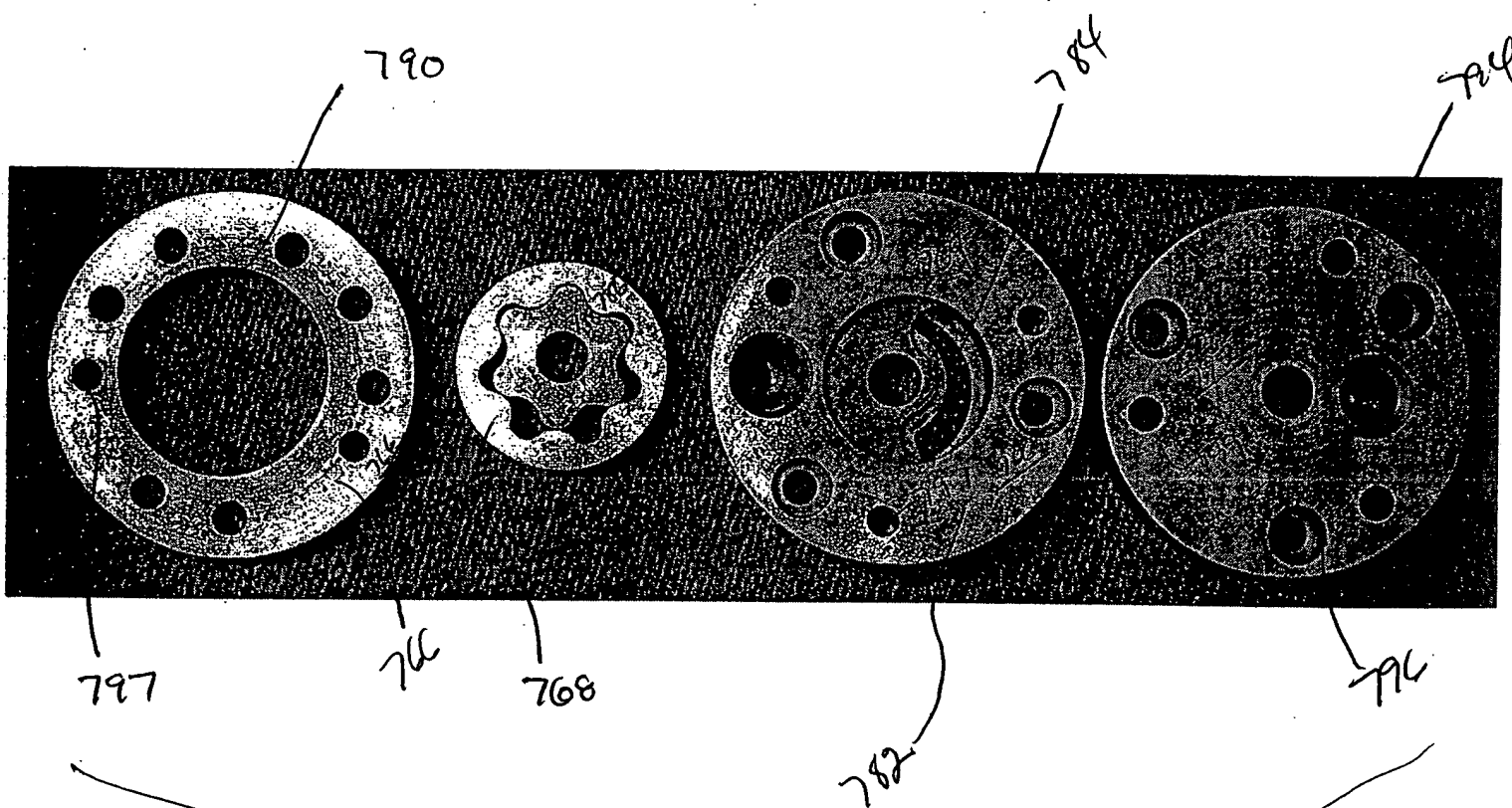


FIG. 97

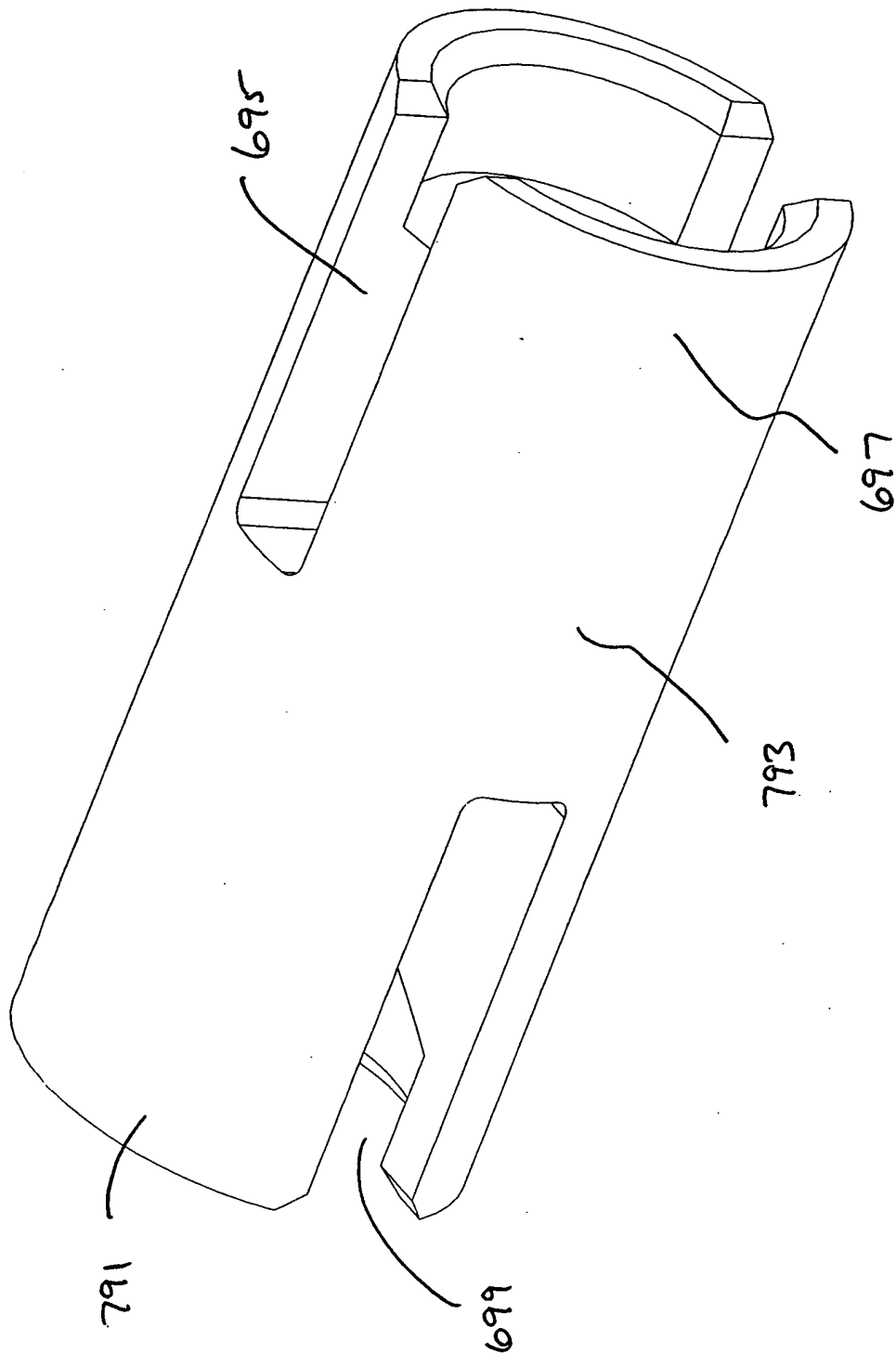
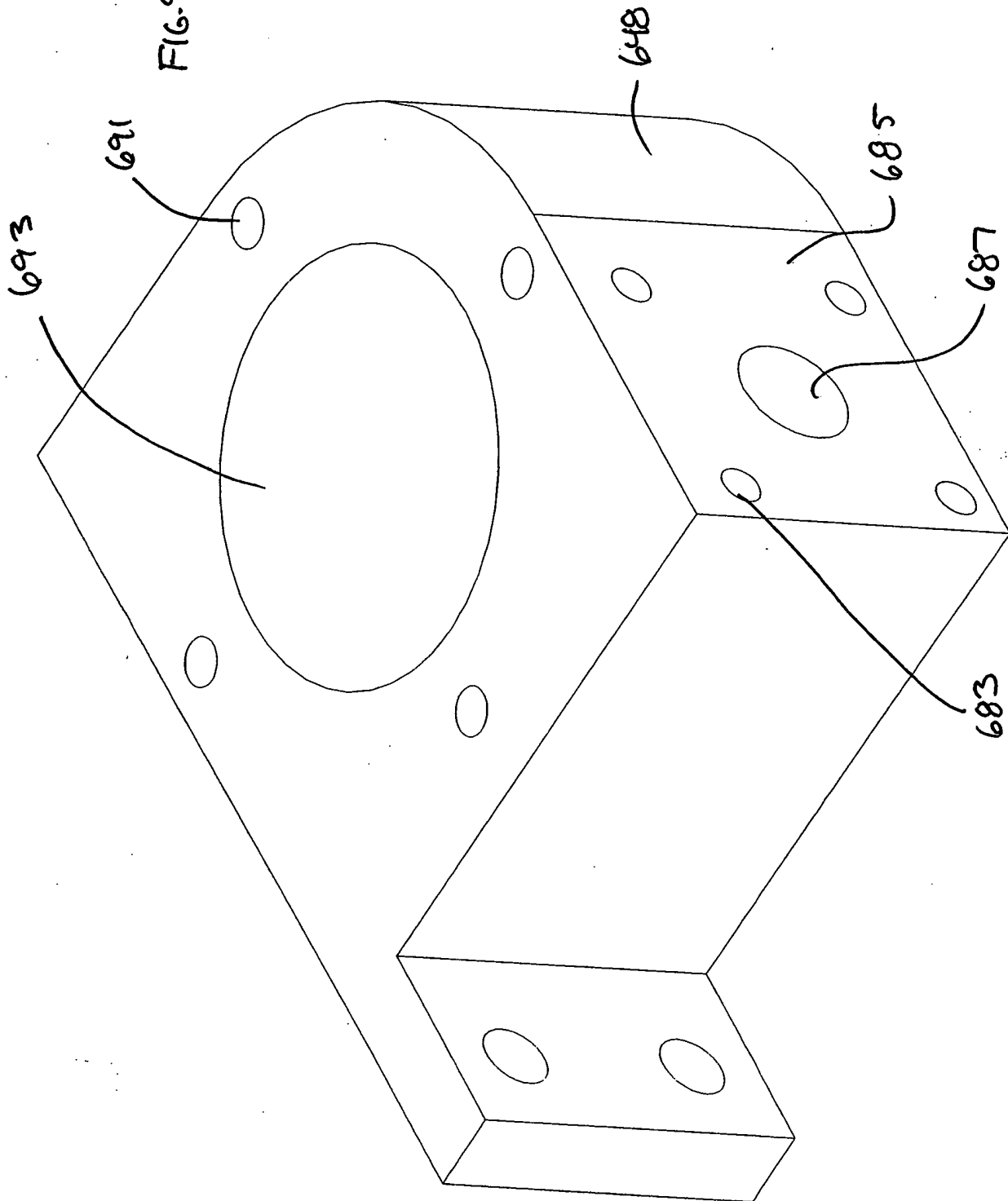


FIG. 98

FIG. 99



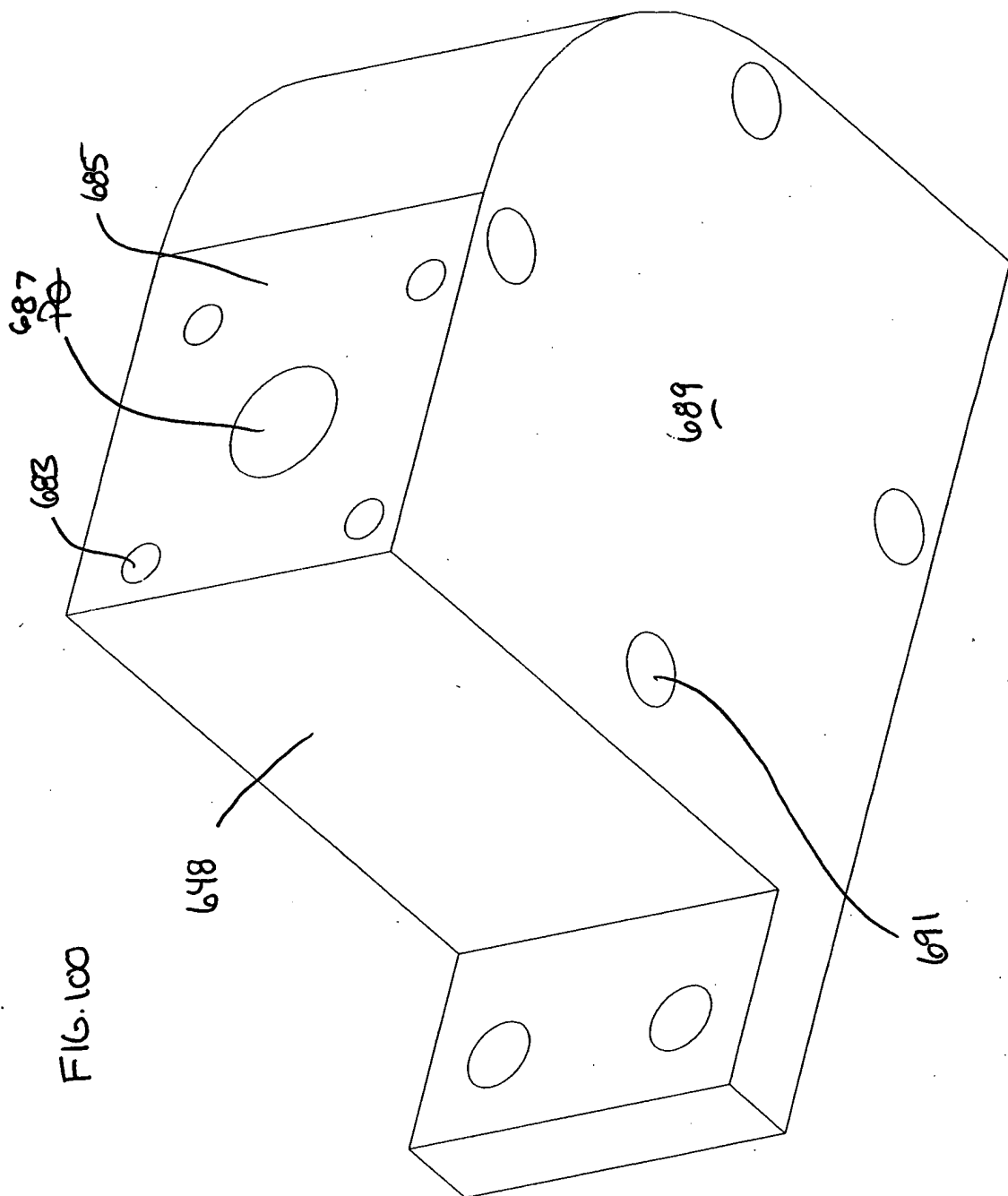
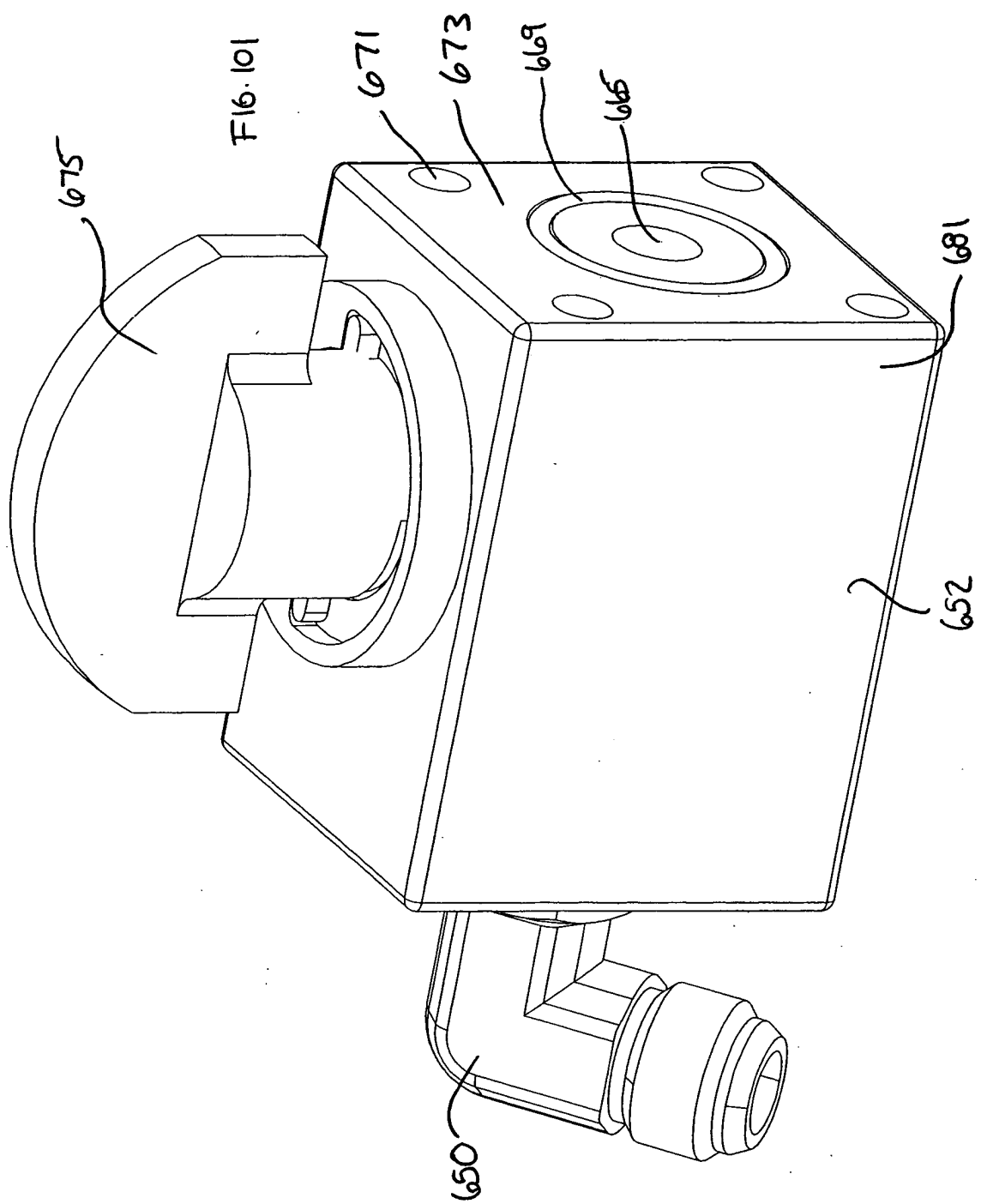


FIG. 100



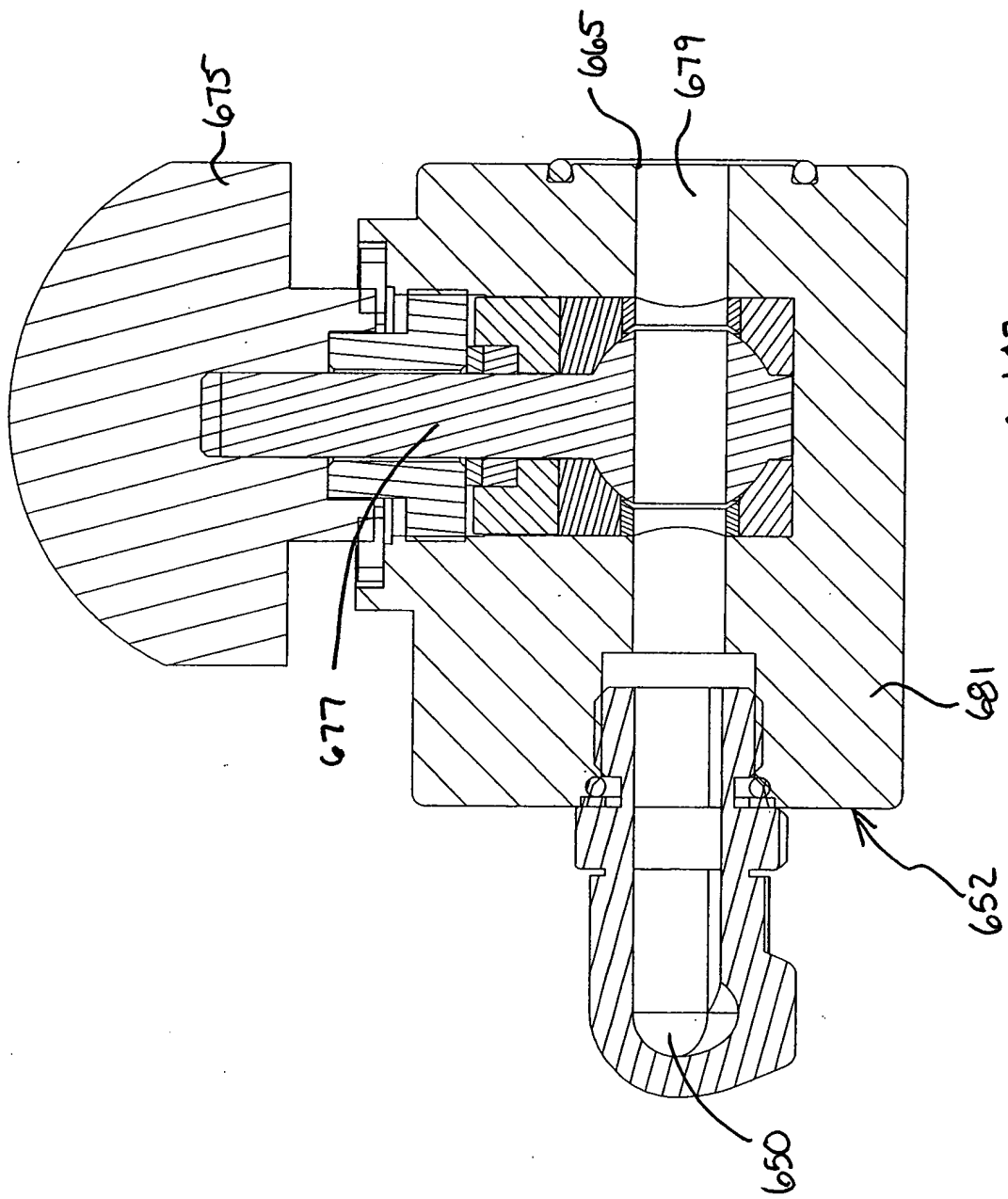
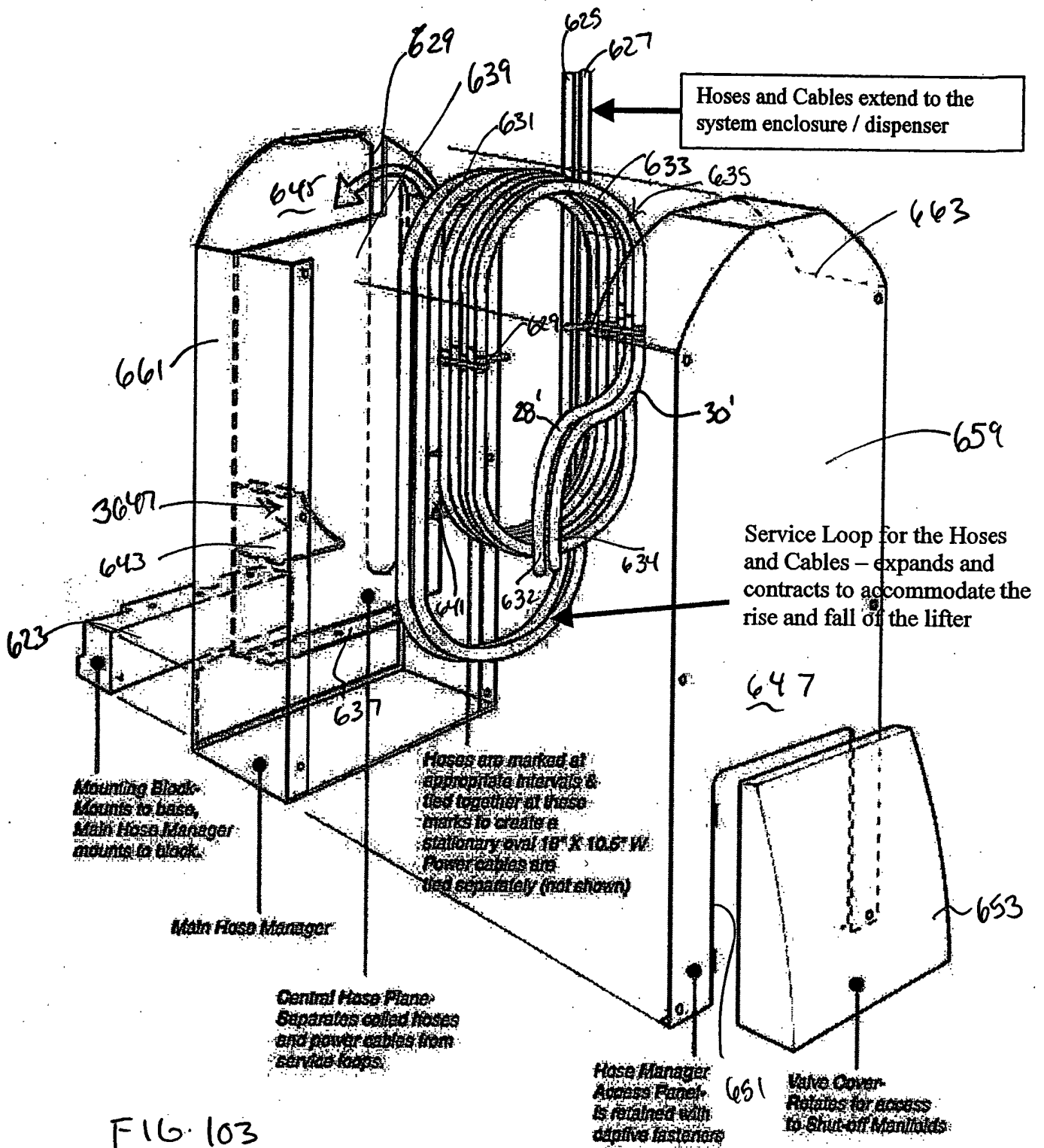


FIG. 102



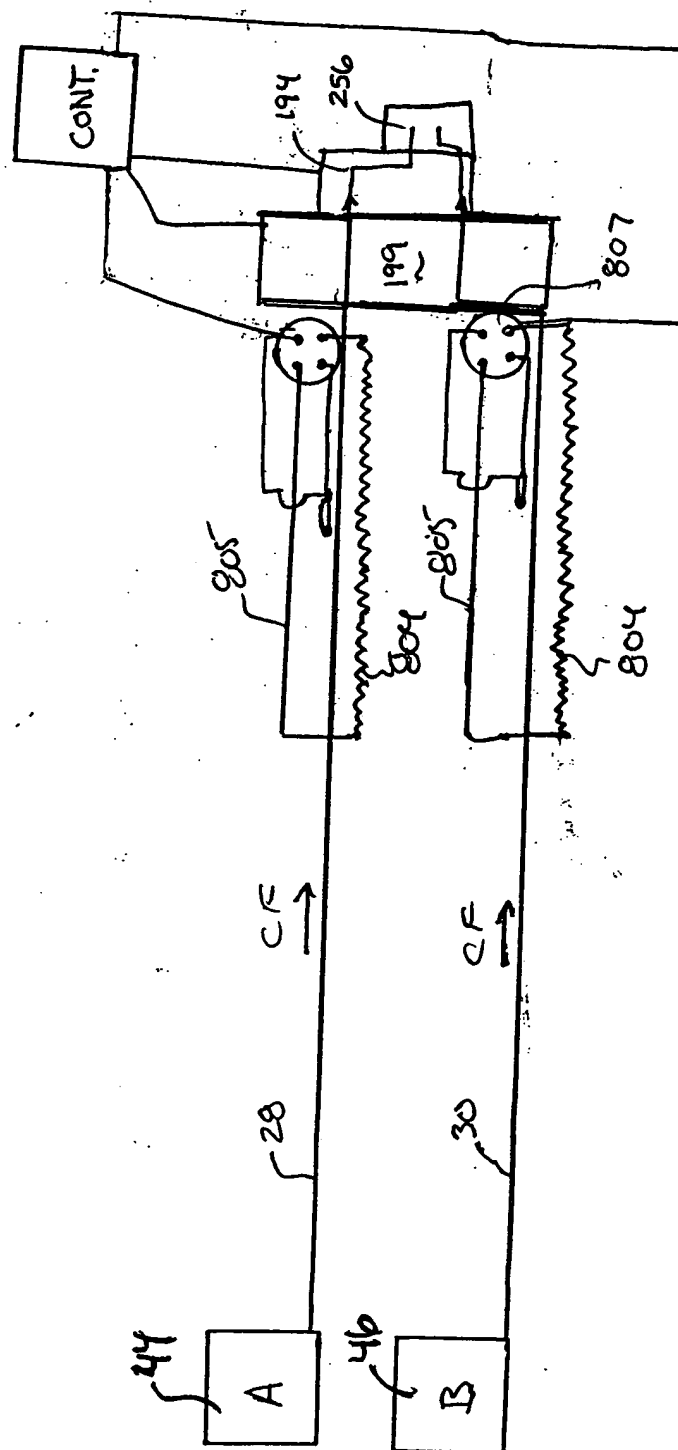


FIG. 104

FIG. 105

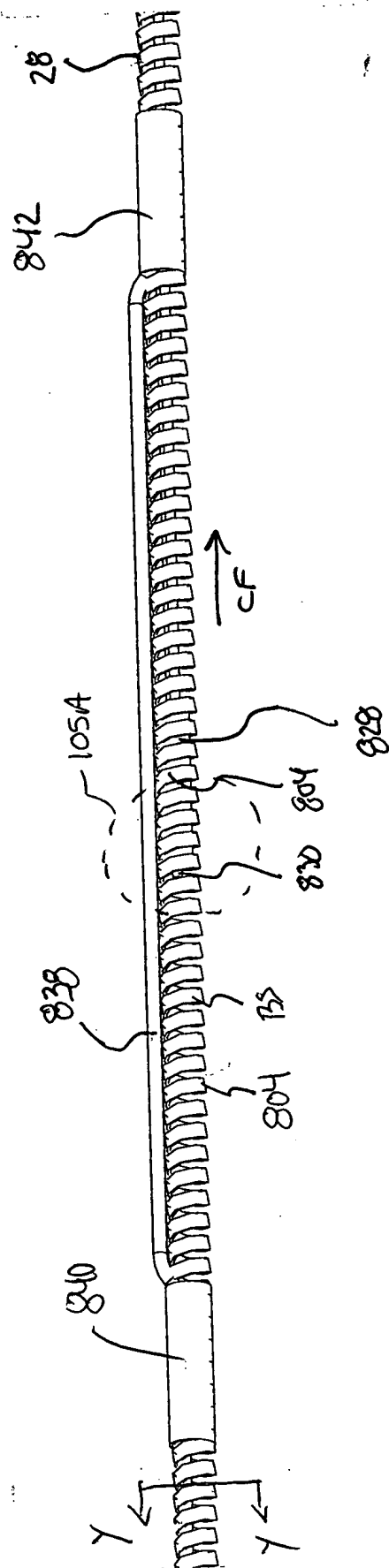


FIG. 105A

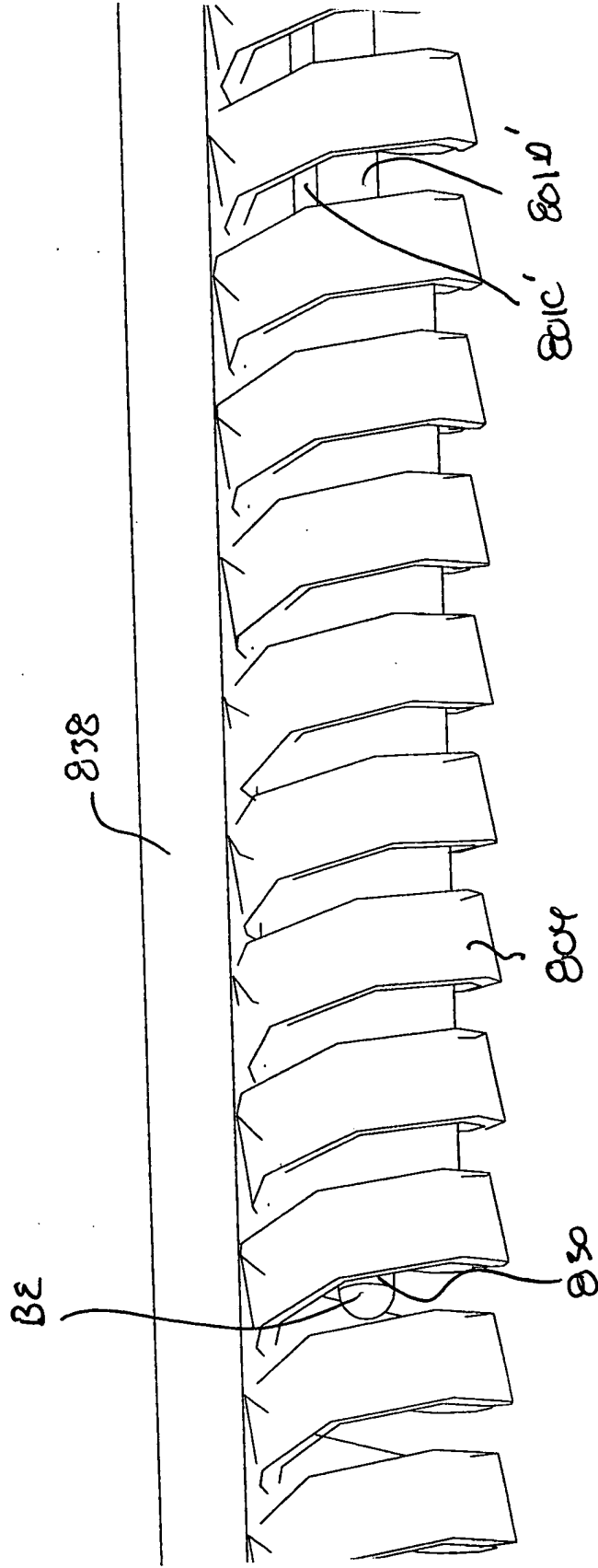


FIG. 106

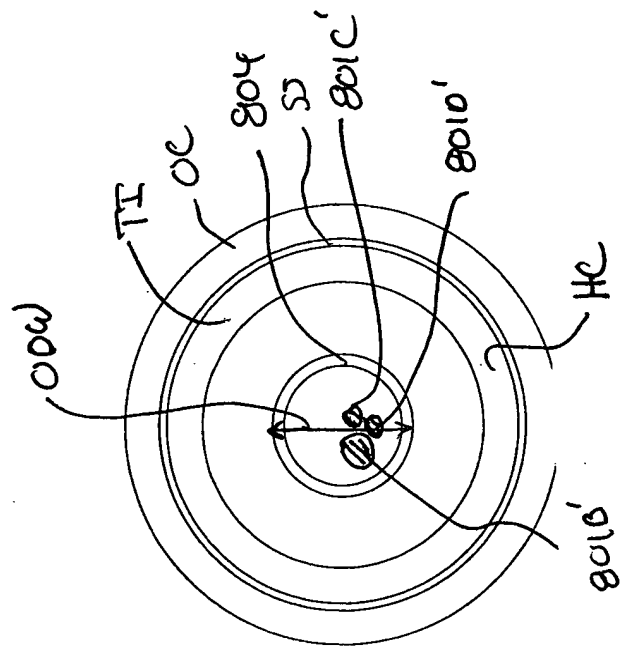
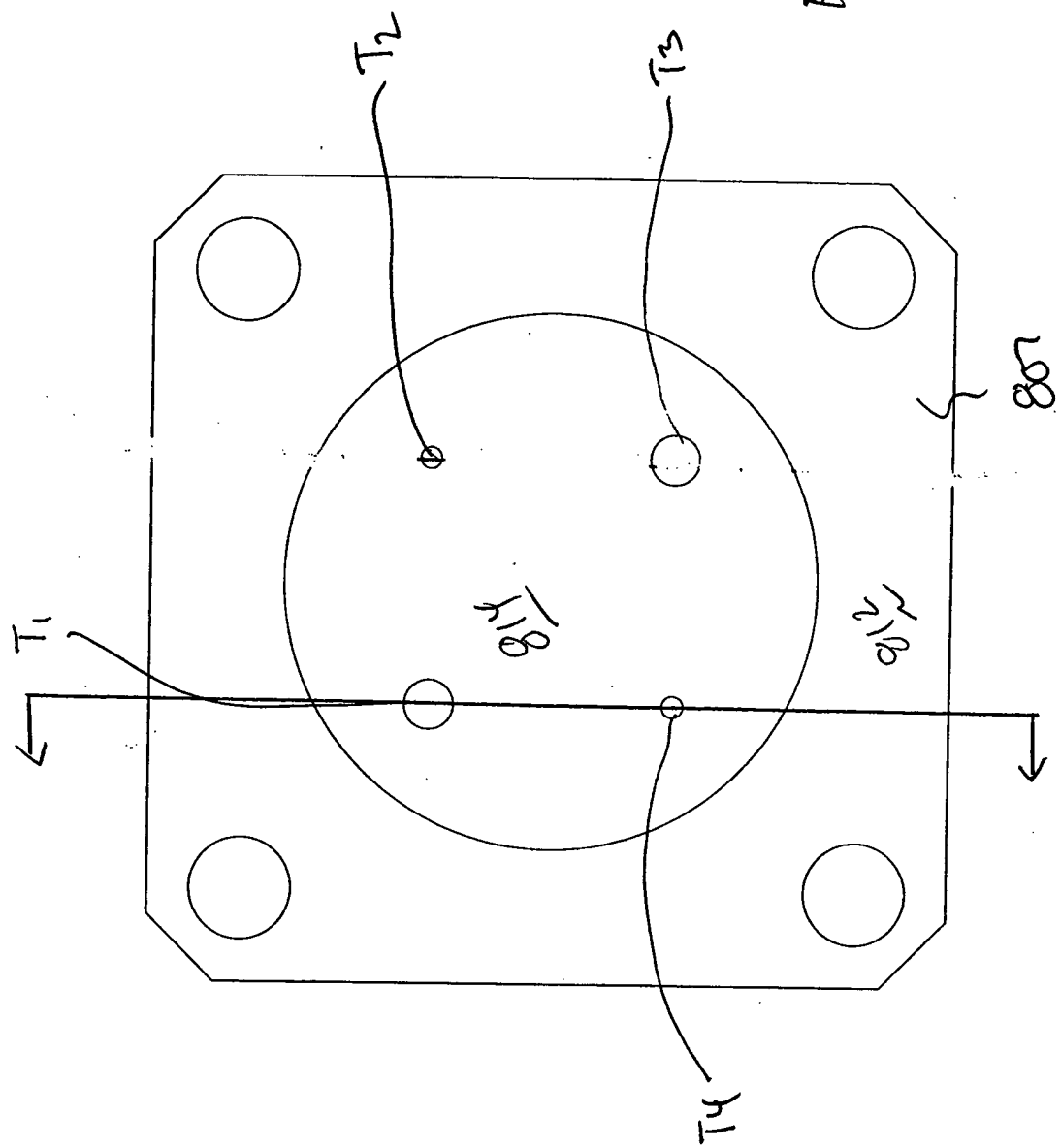


FIG. 107



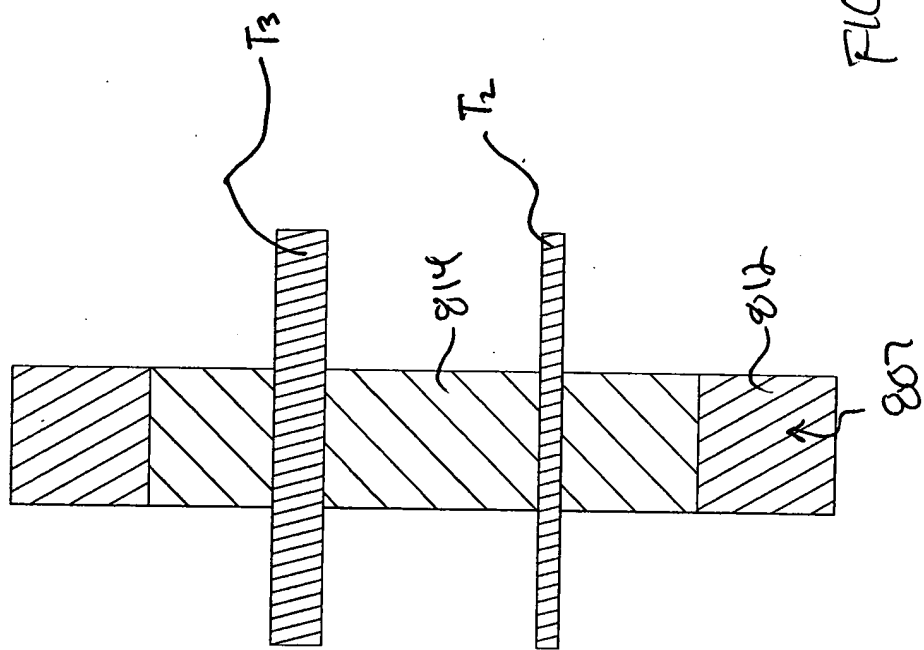


FIG. 108

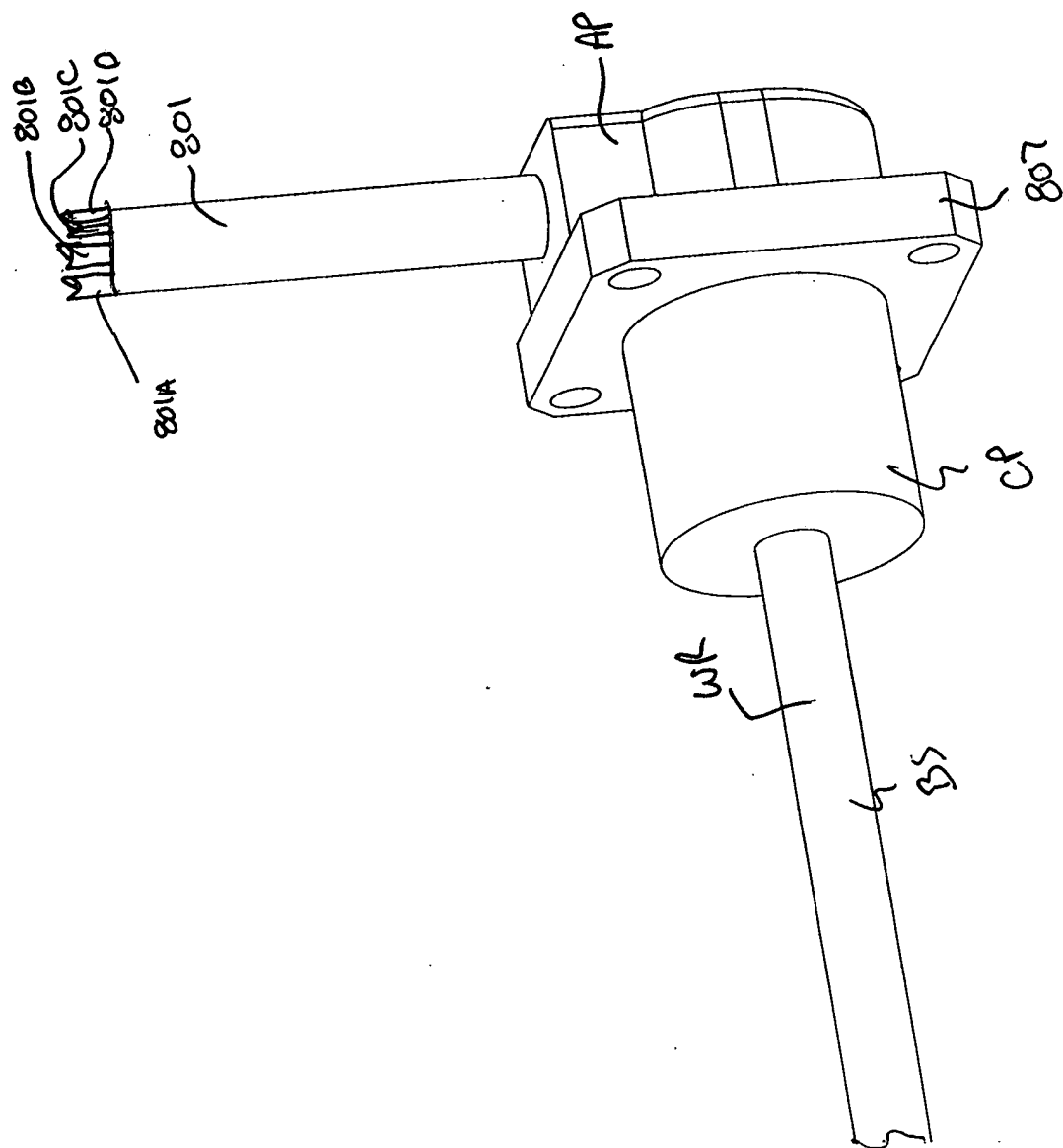
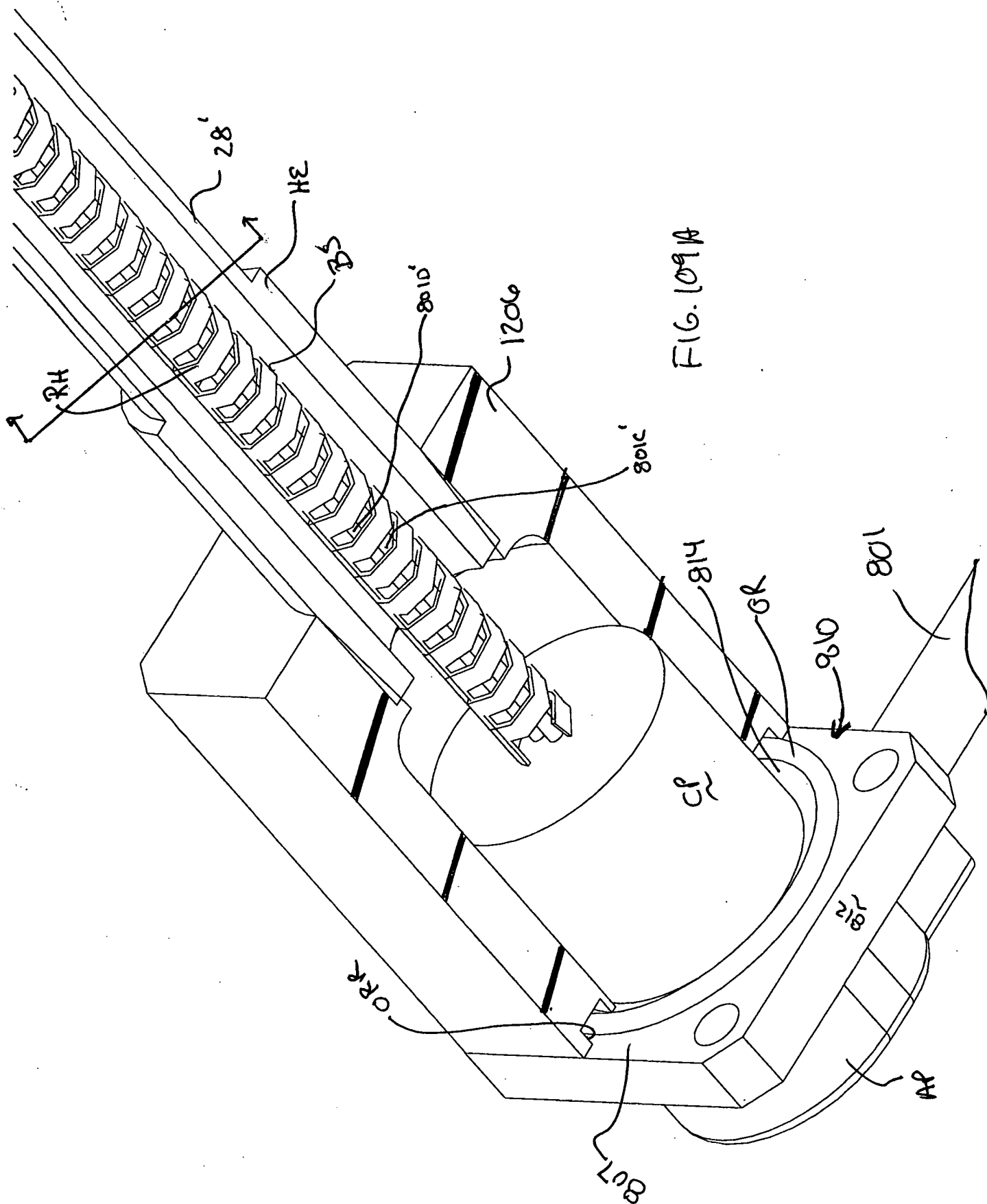
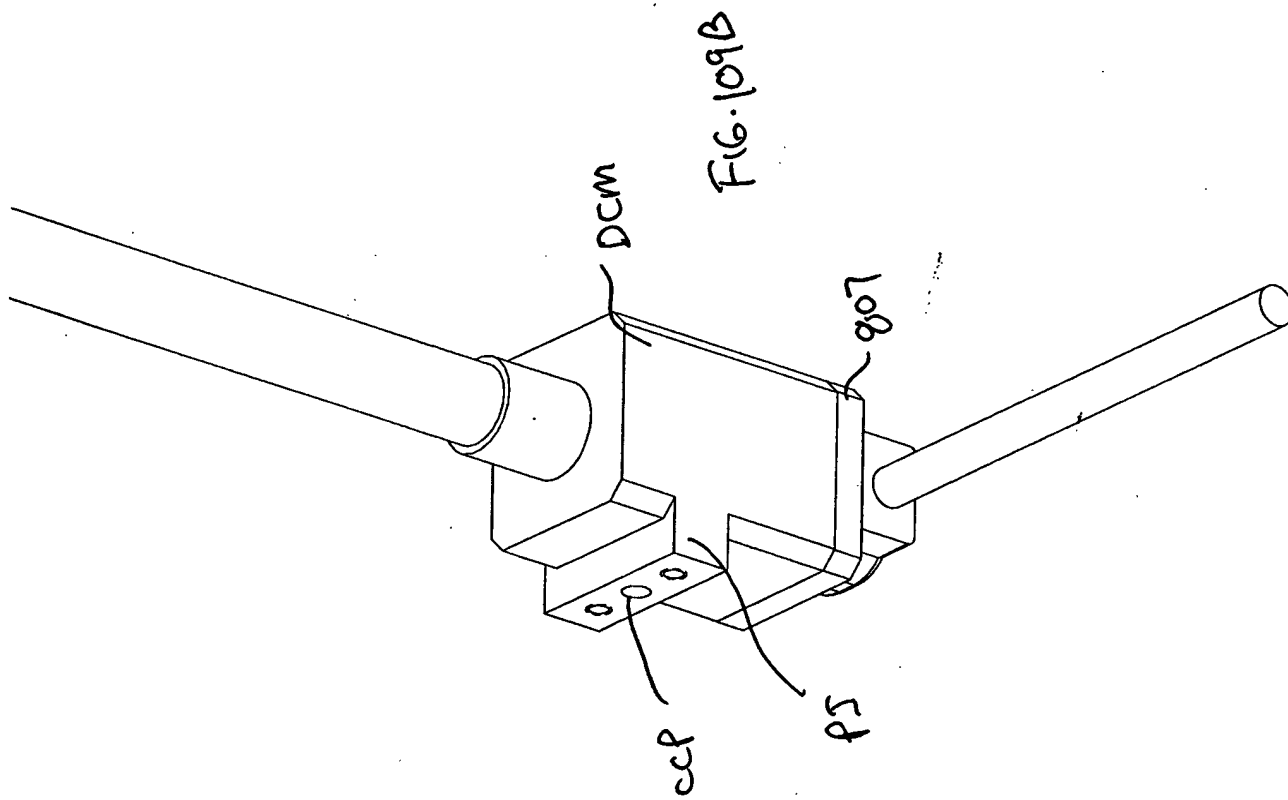
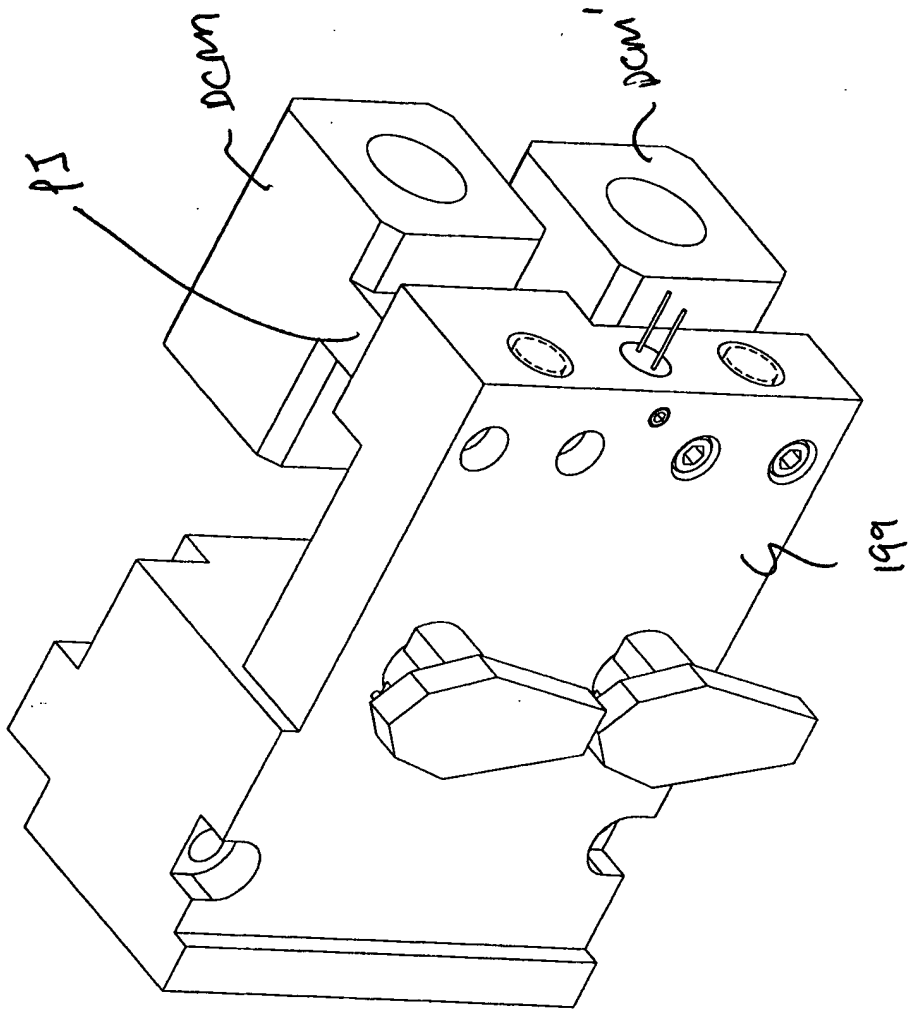


FIG. 109







109C

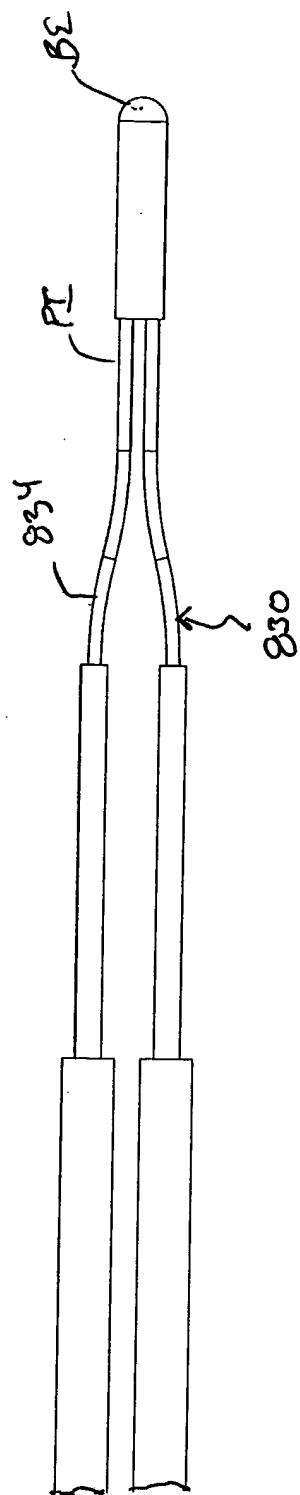


FIG. 110

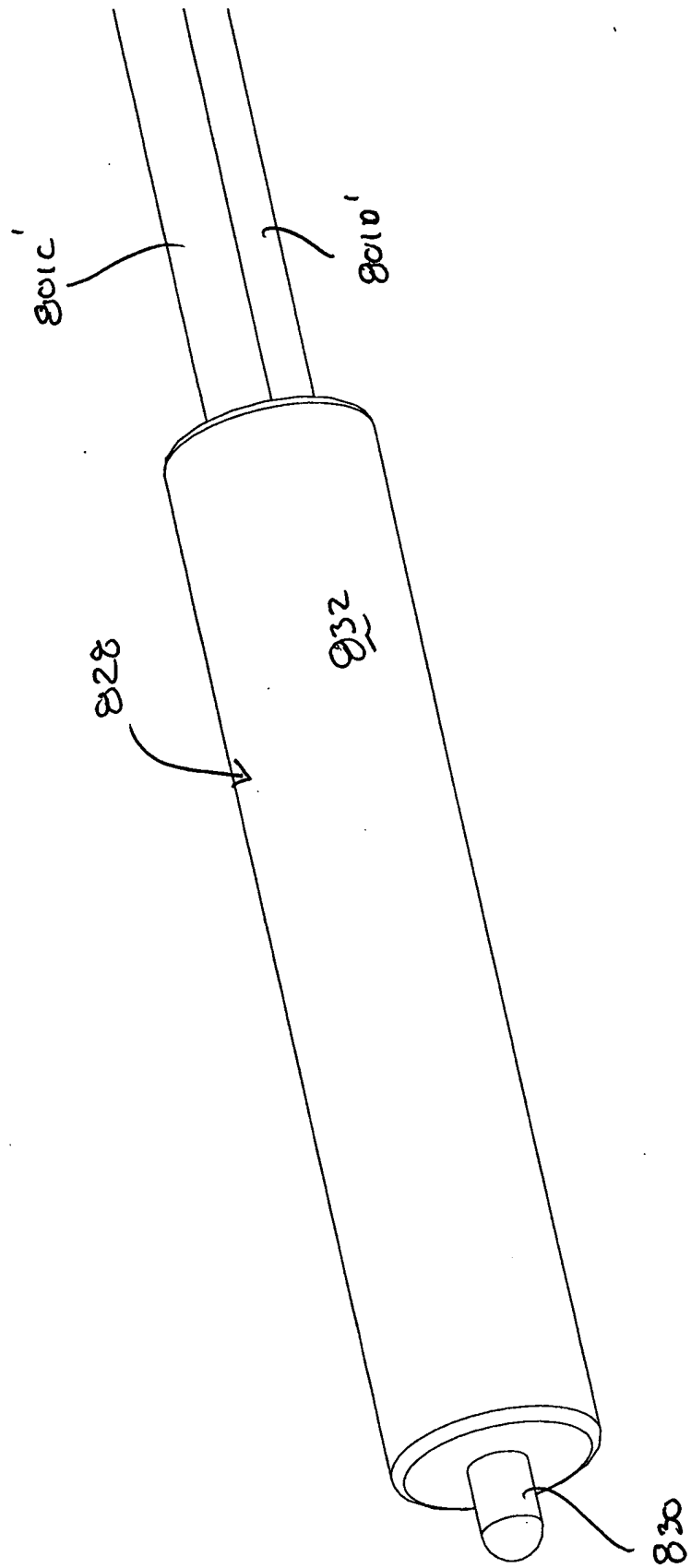


FIG. 110A

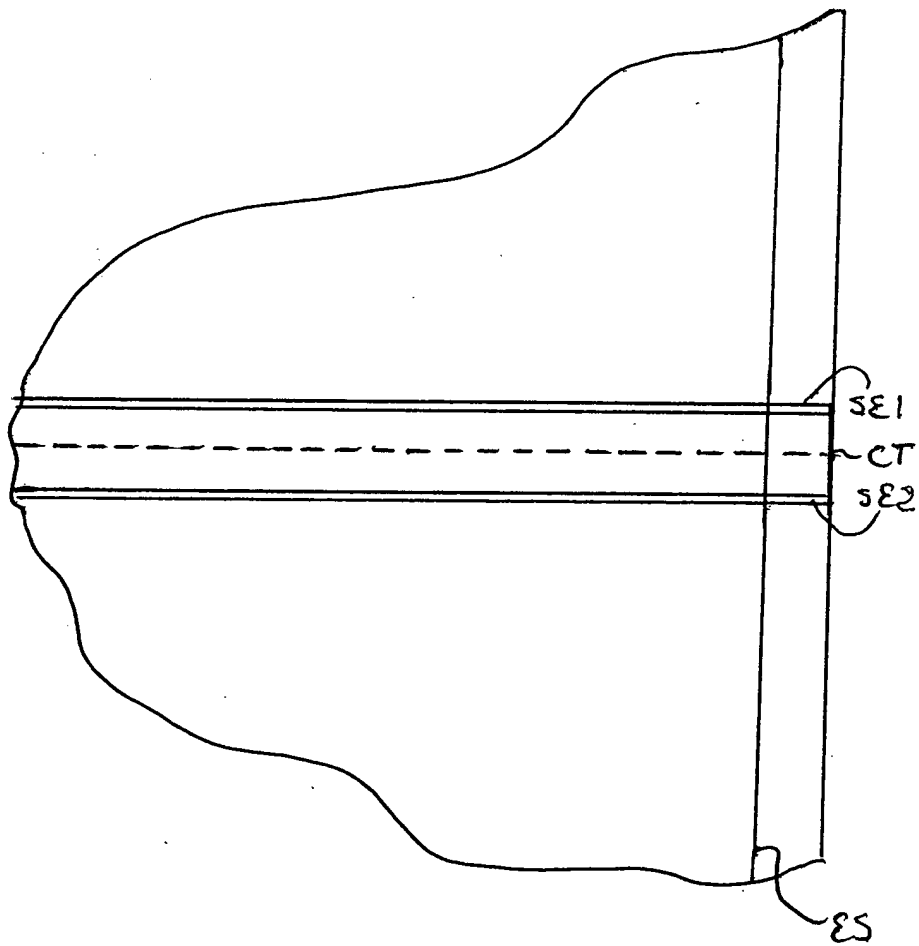


FIG. III

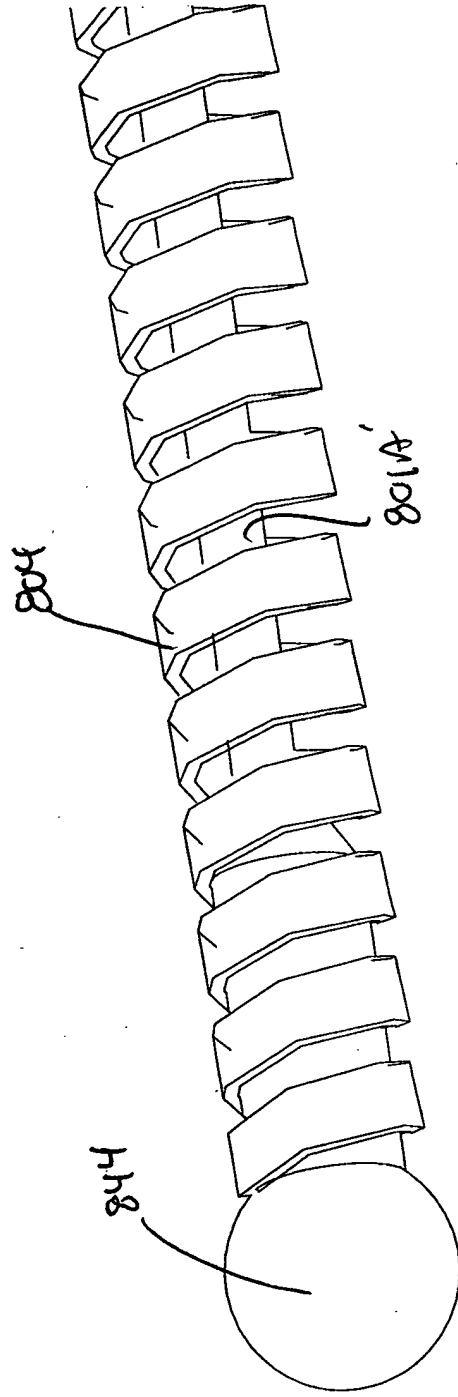


FIG. 112

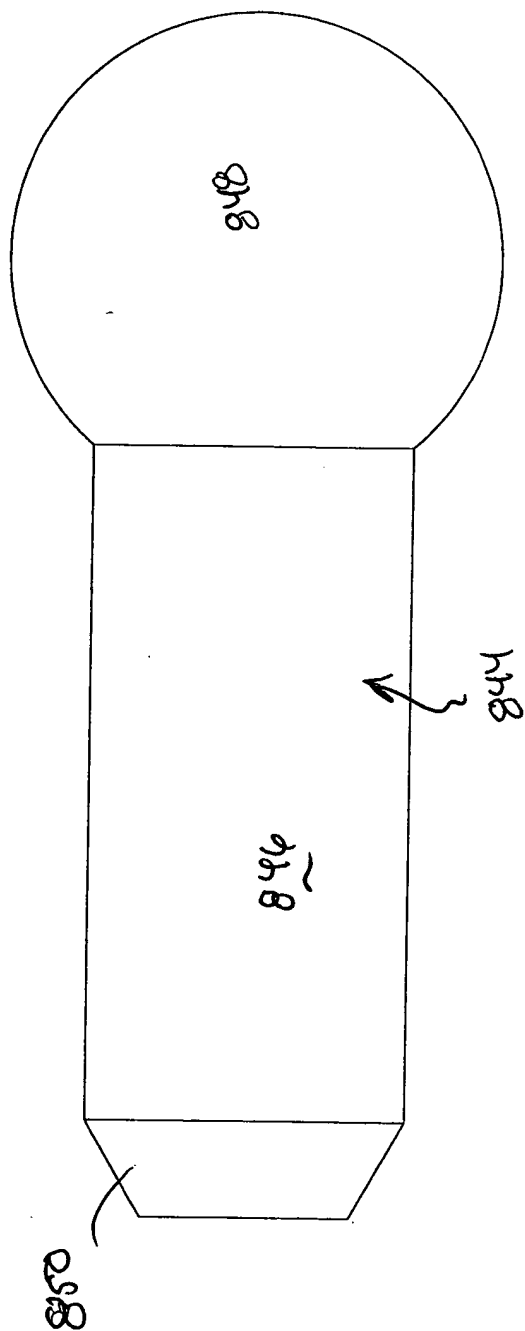


FIG. 113

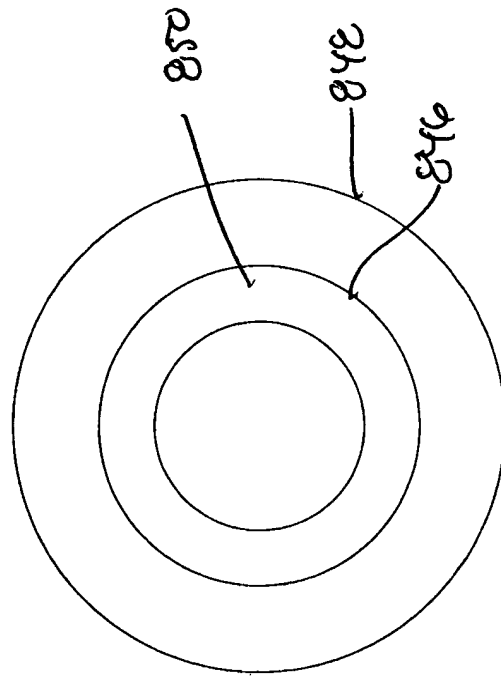


FIG. 113A

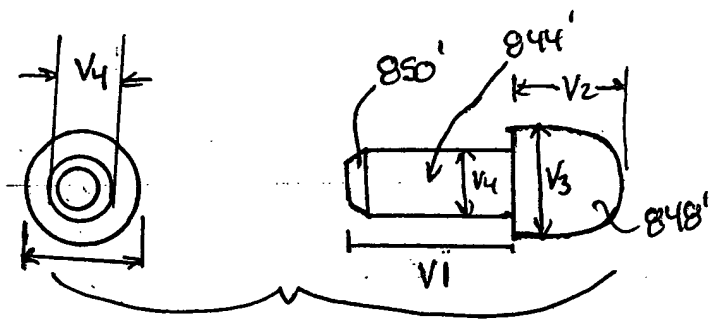
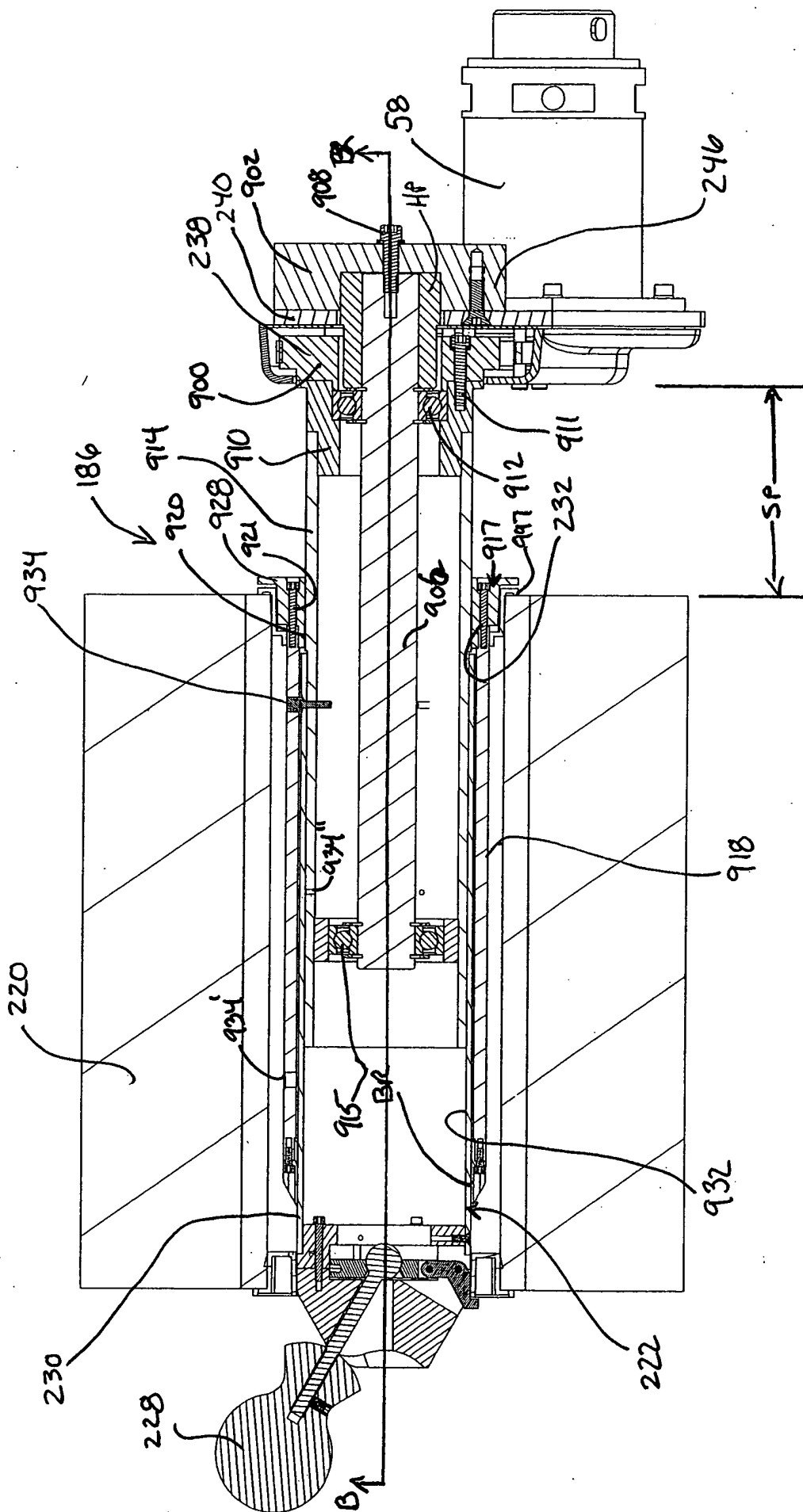
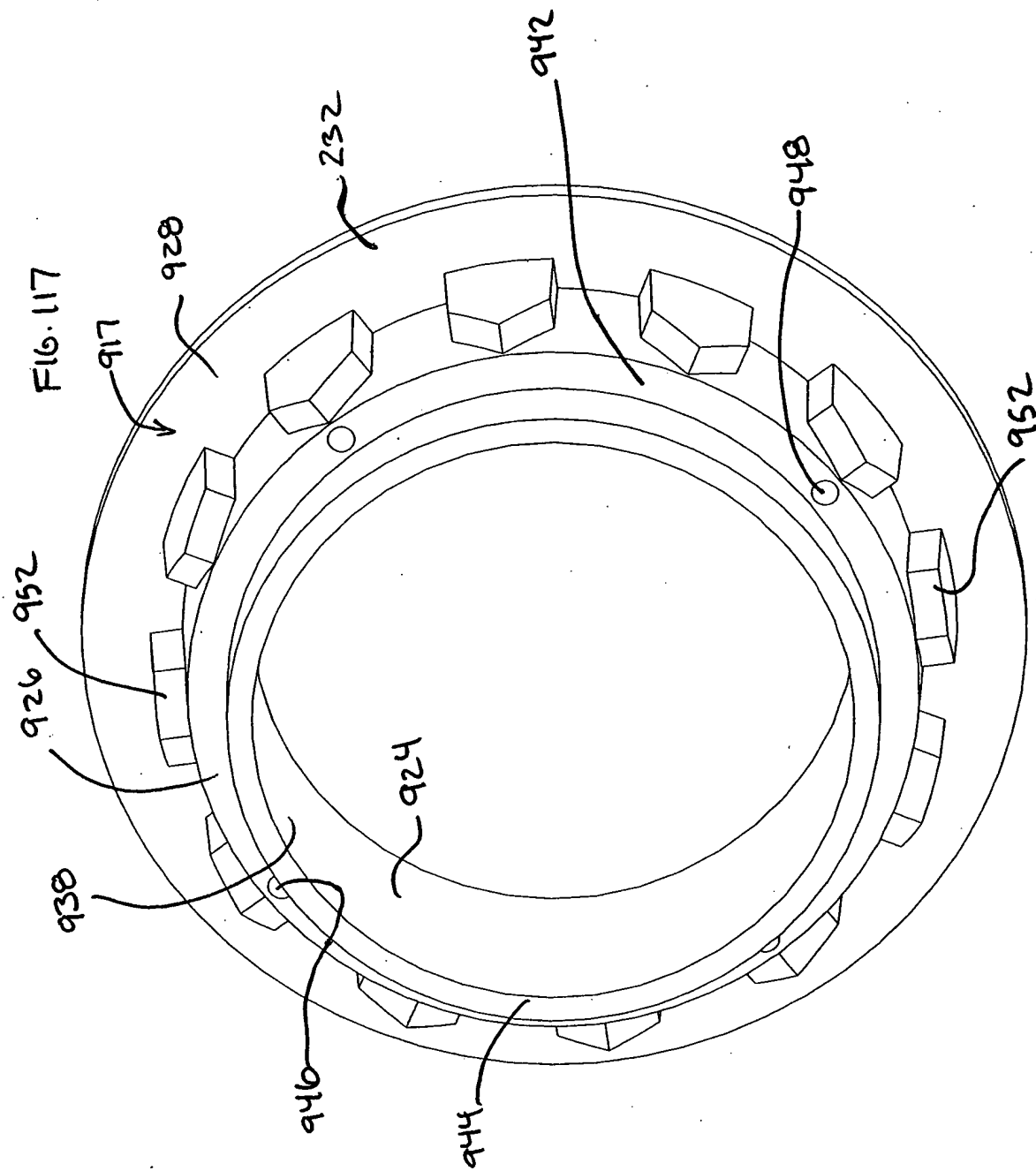


FIG. 114

Fig. 115





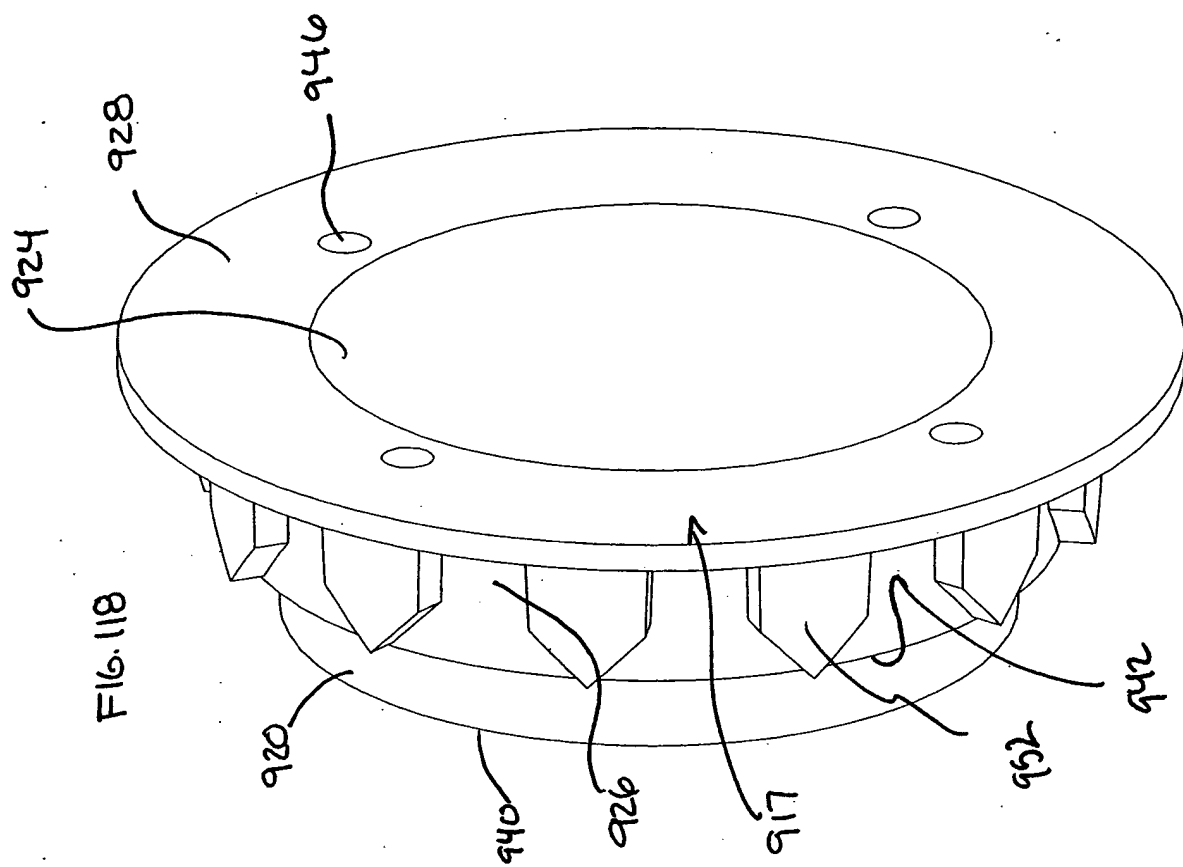
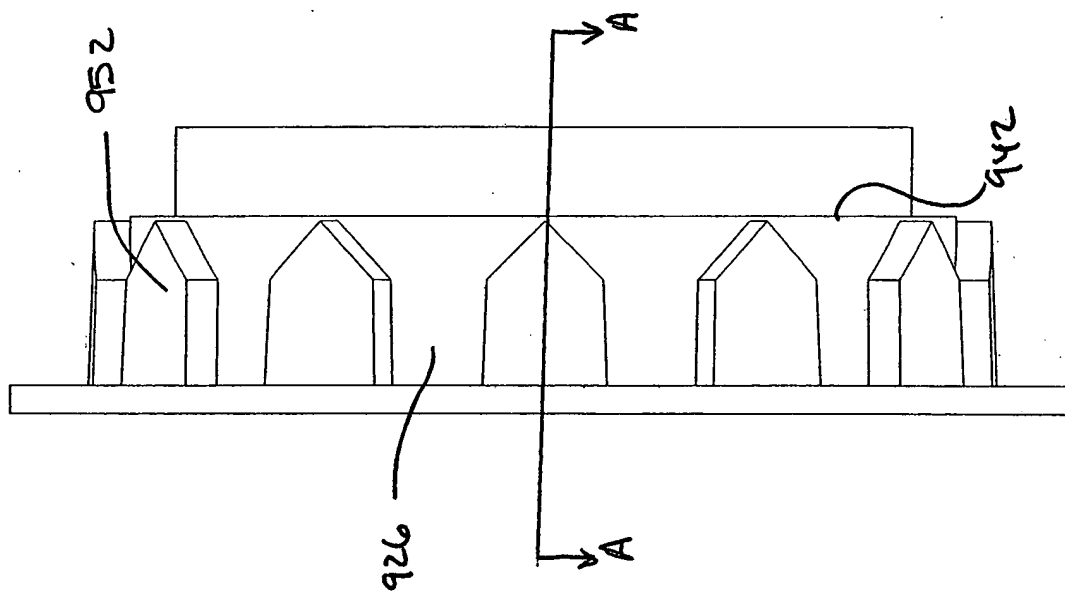


FIG. 11B

FIG. 119



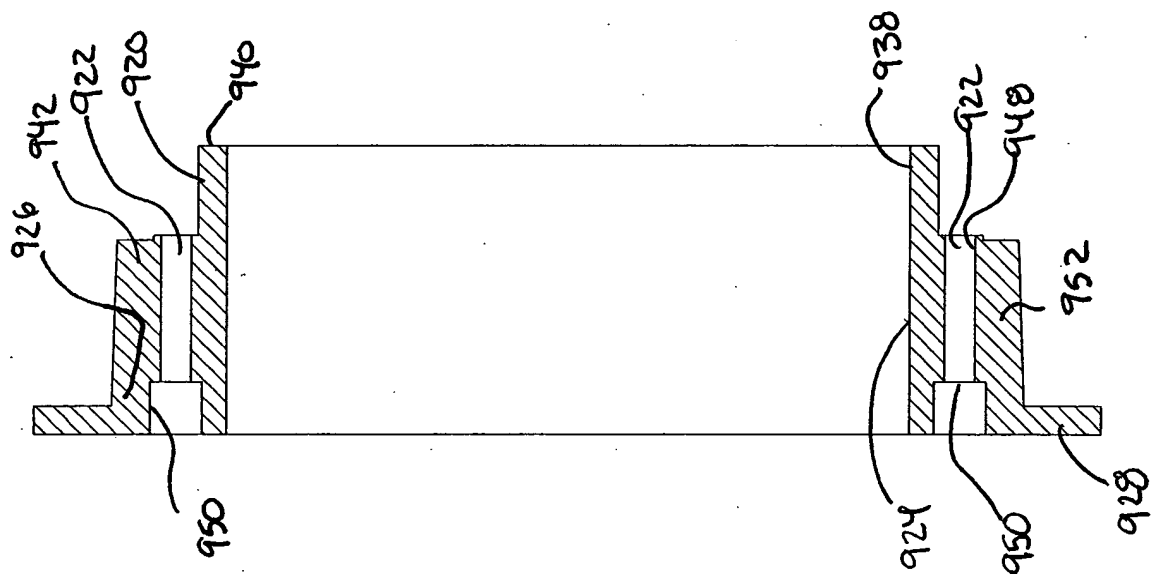
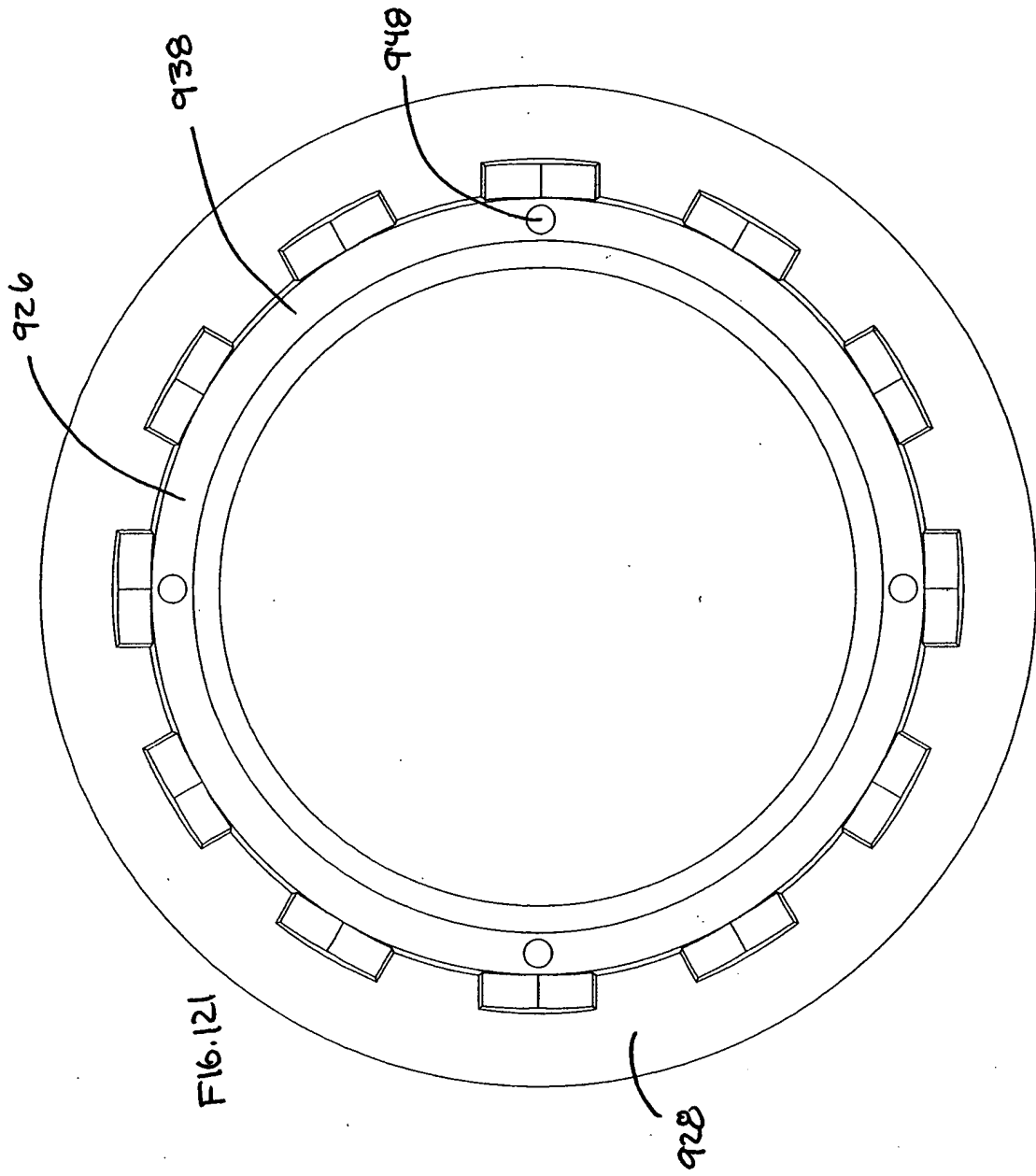


FIG. 120



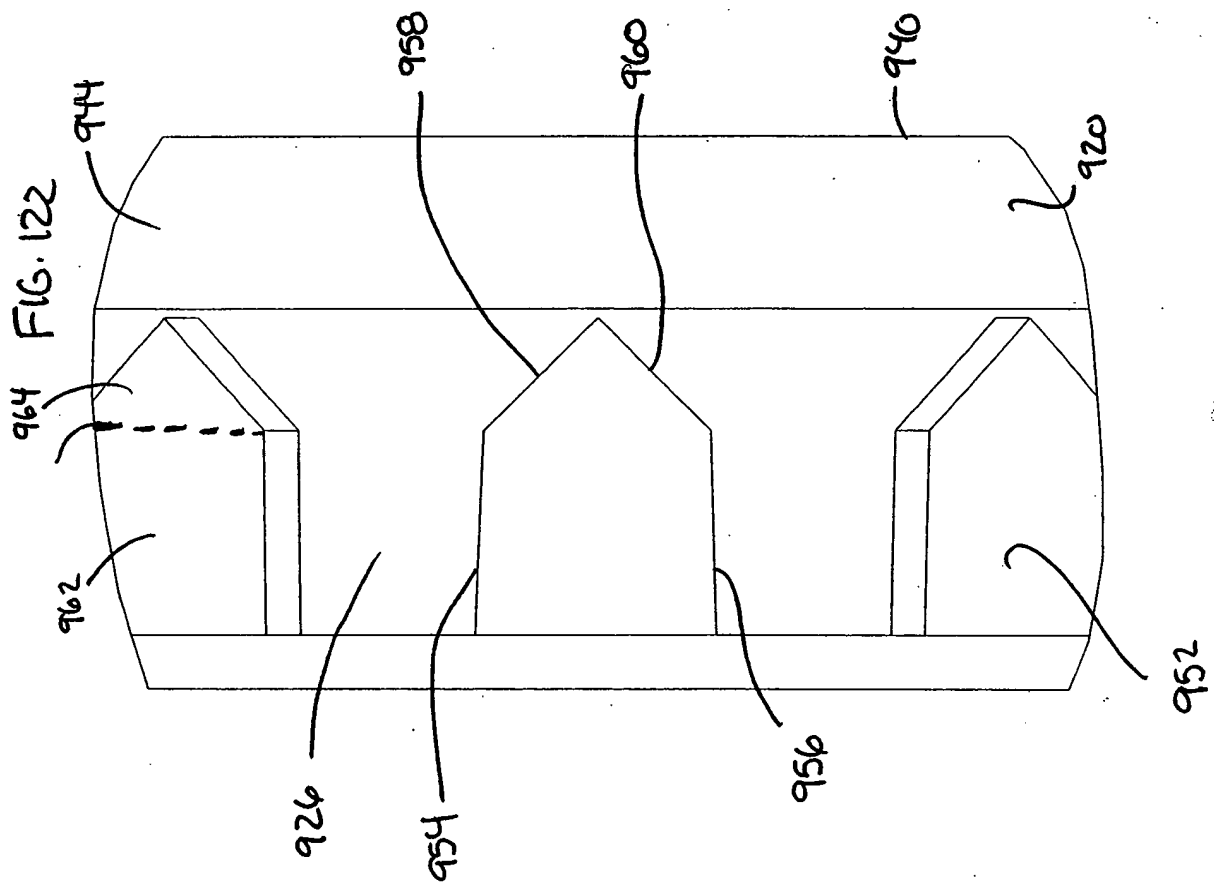
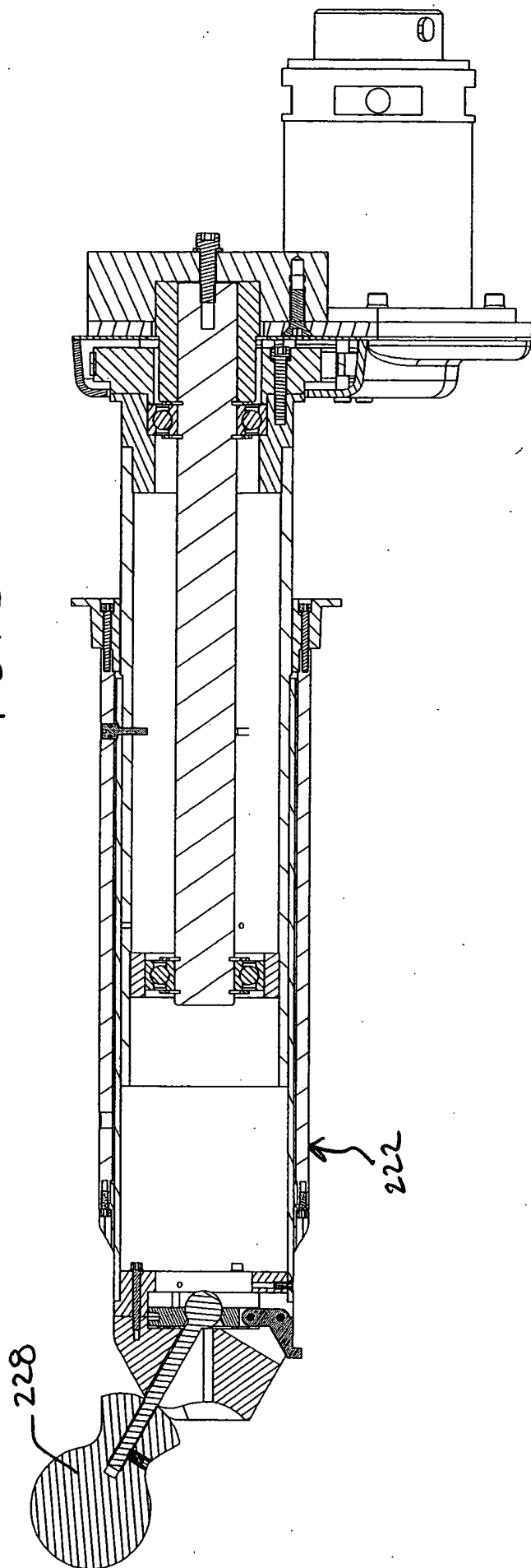


FIG. 123



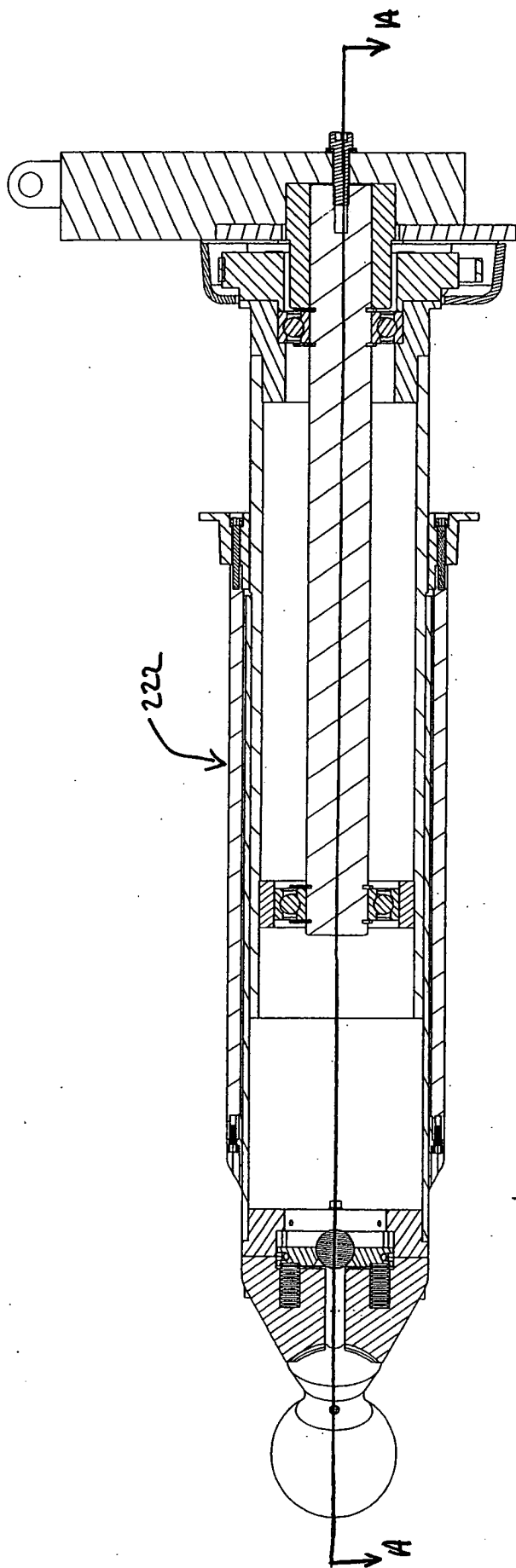


FIG. 124

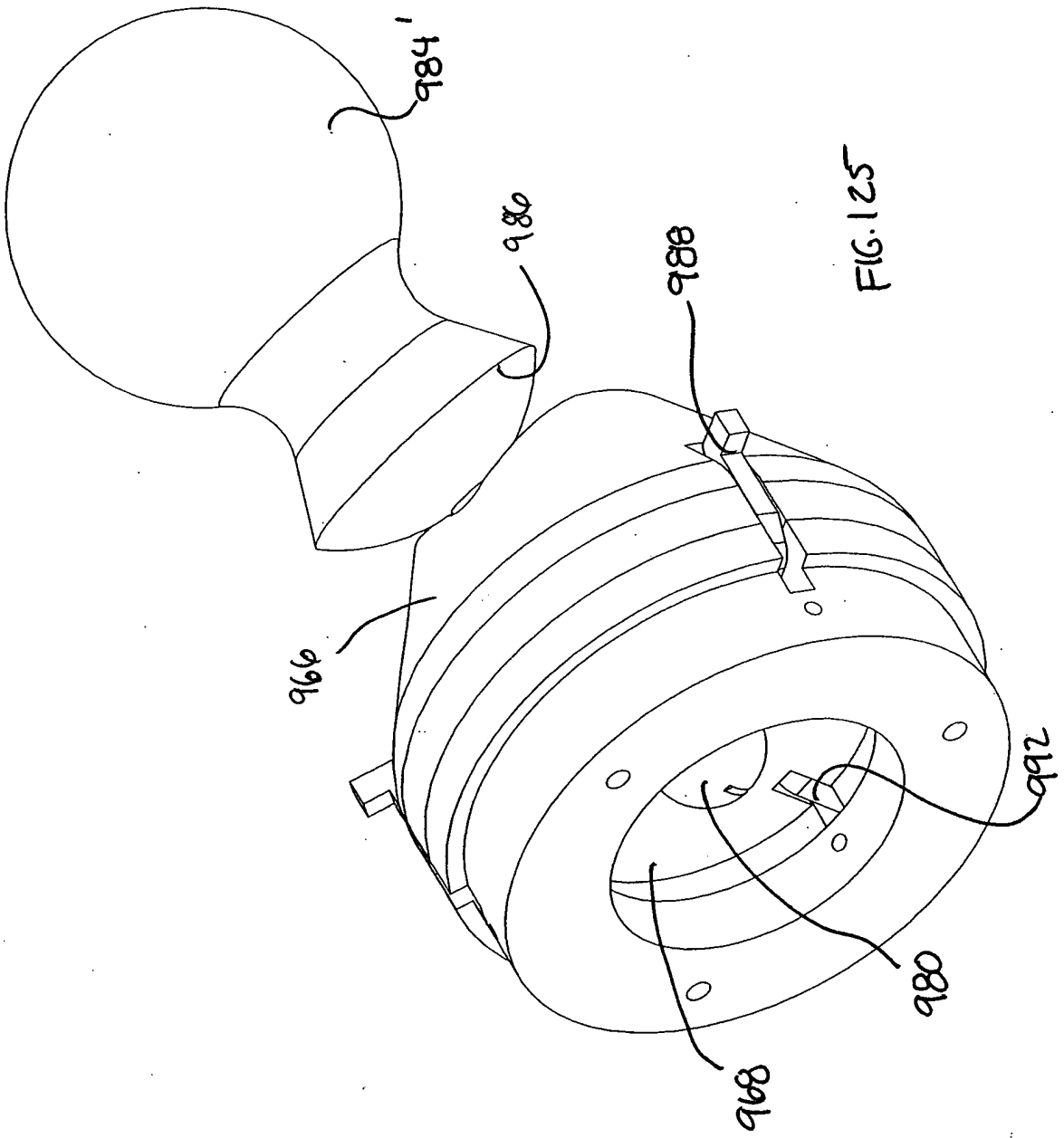


FIG. 125

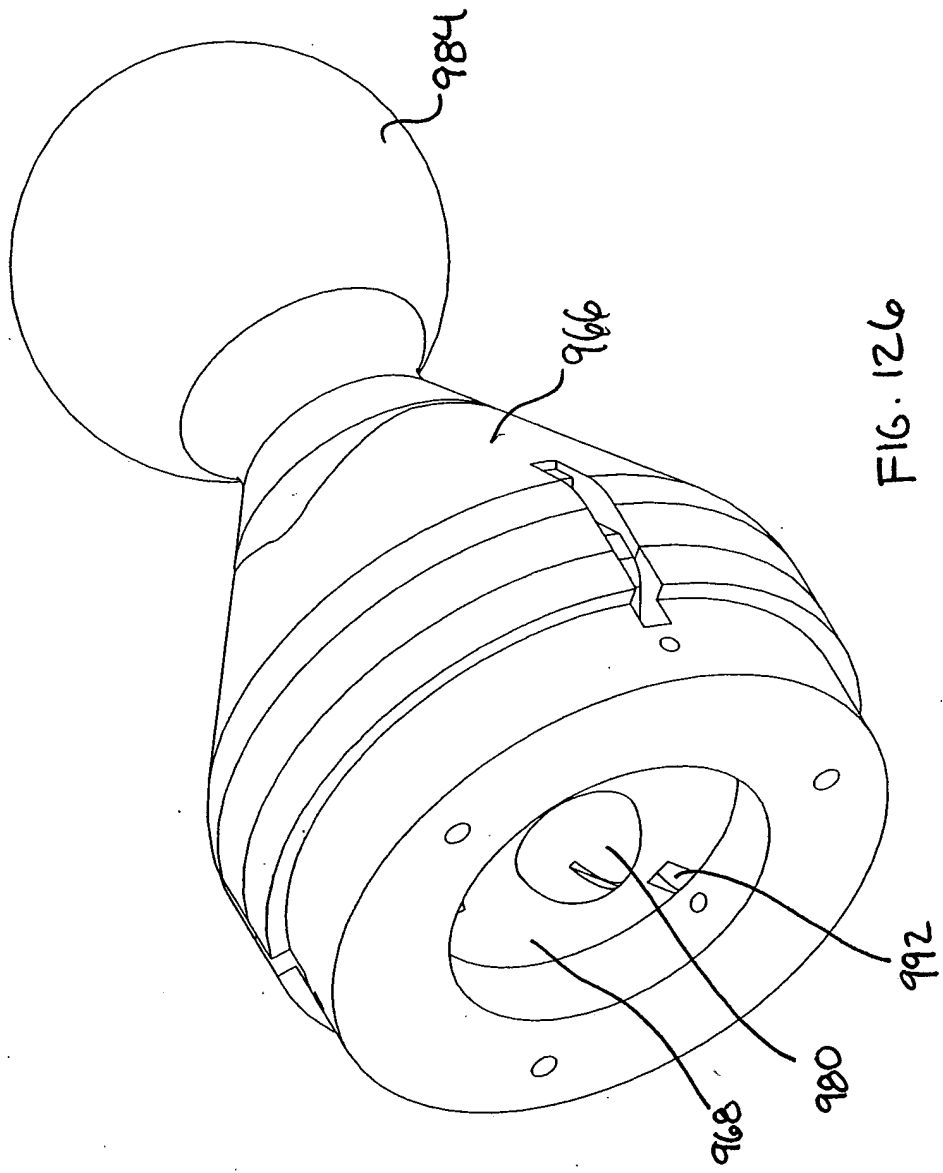


FIG. 126

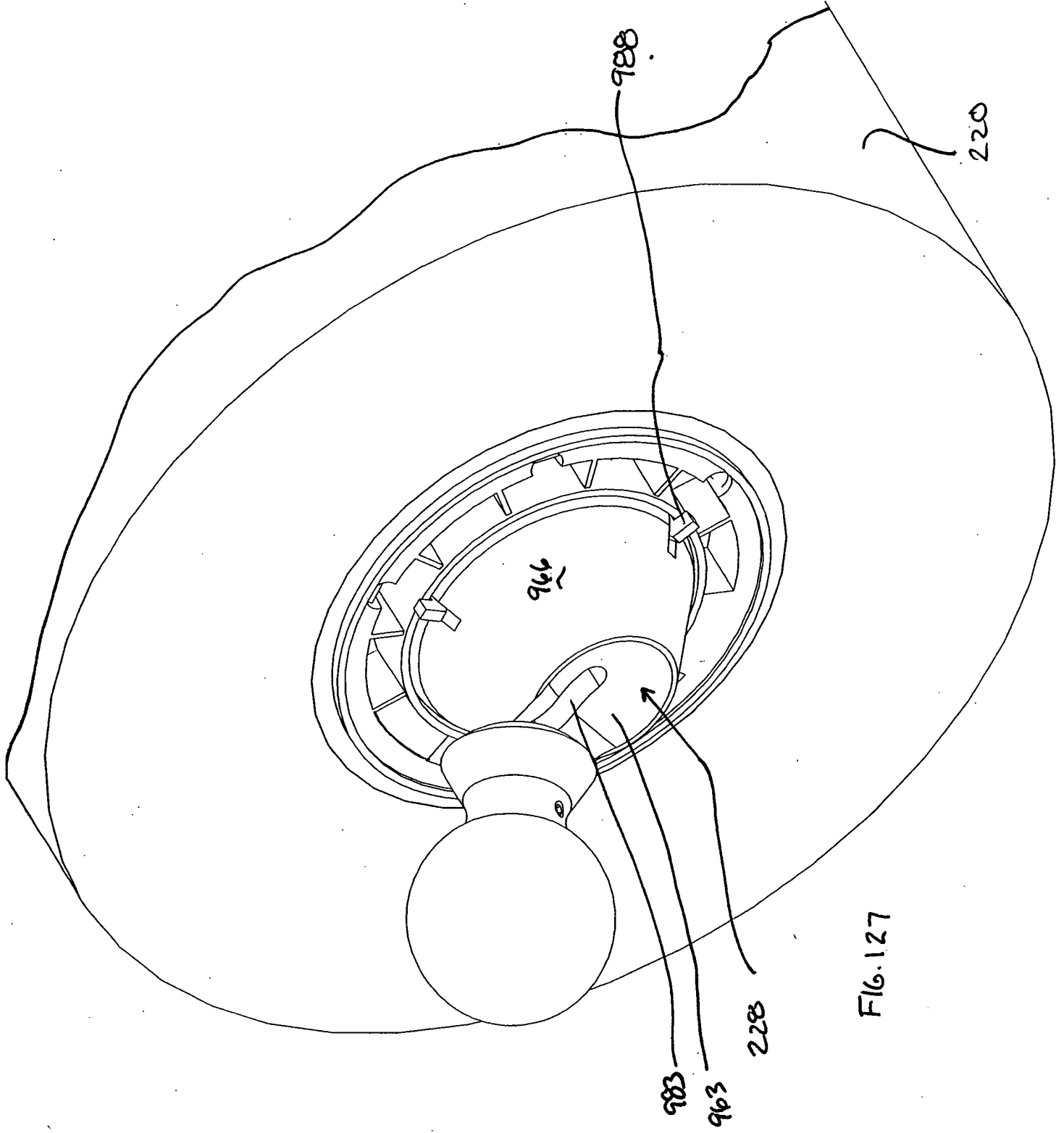
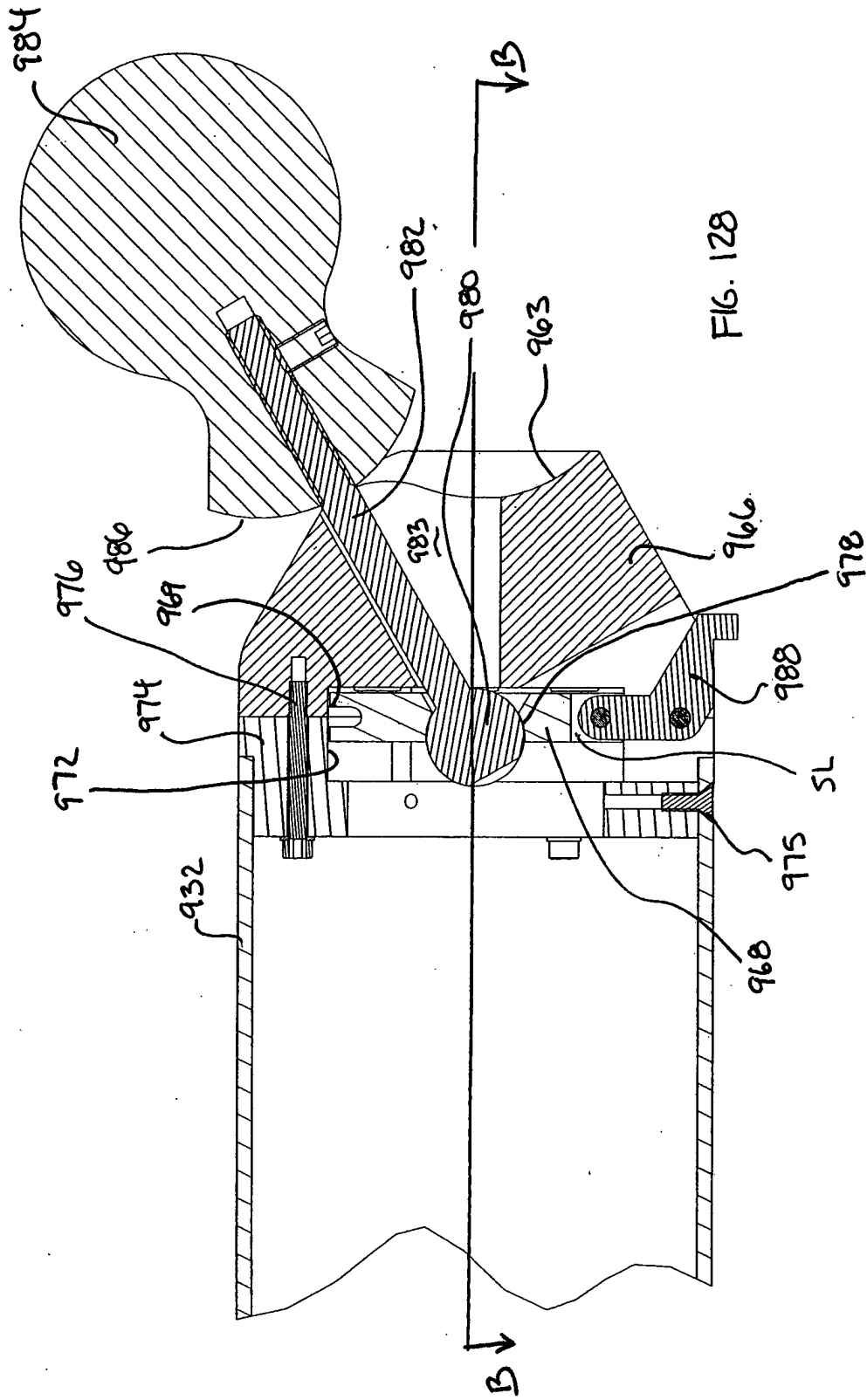
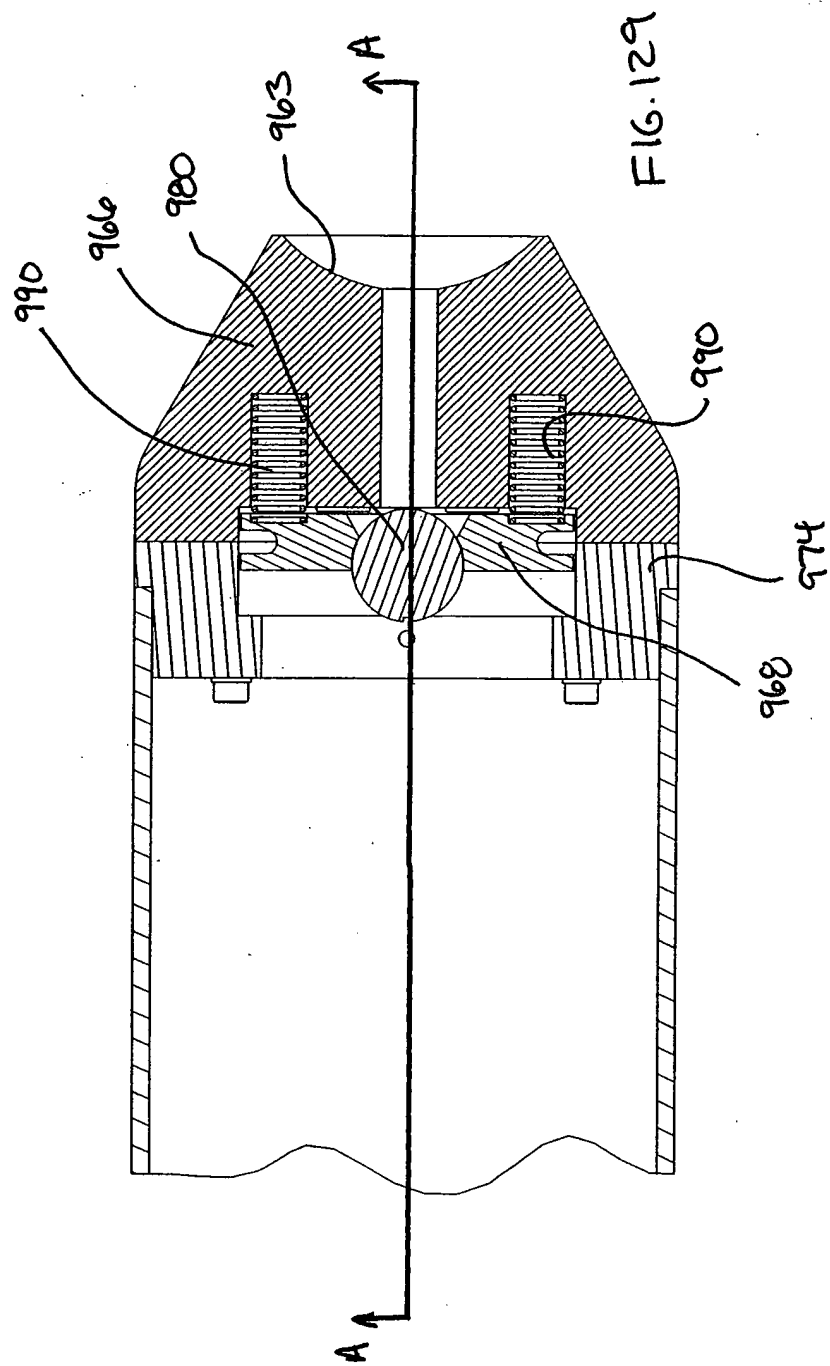


FIG. 127





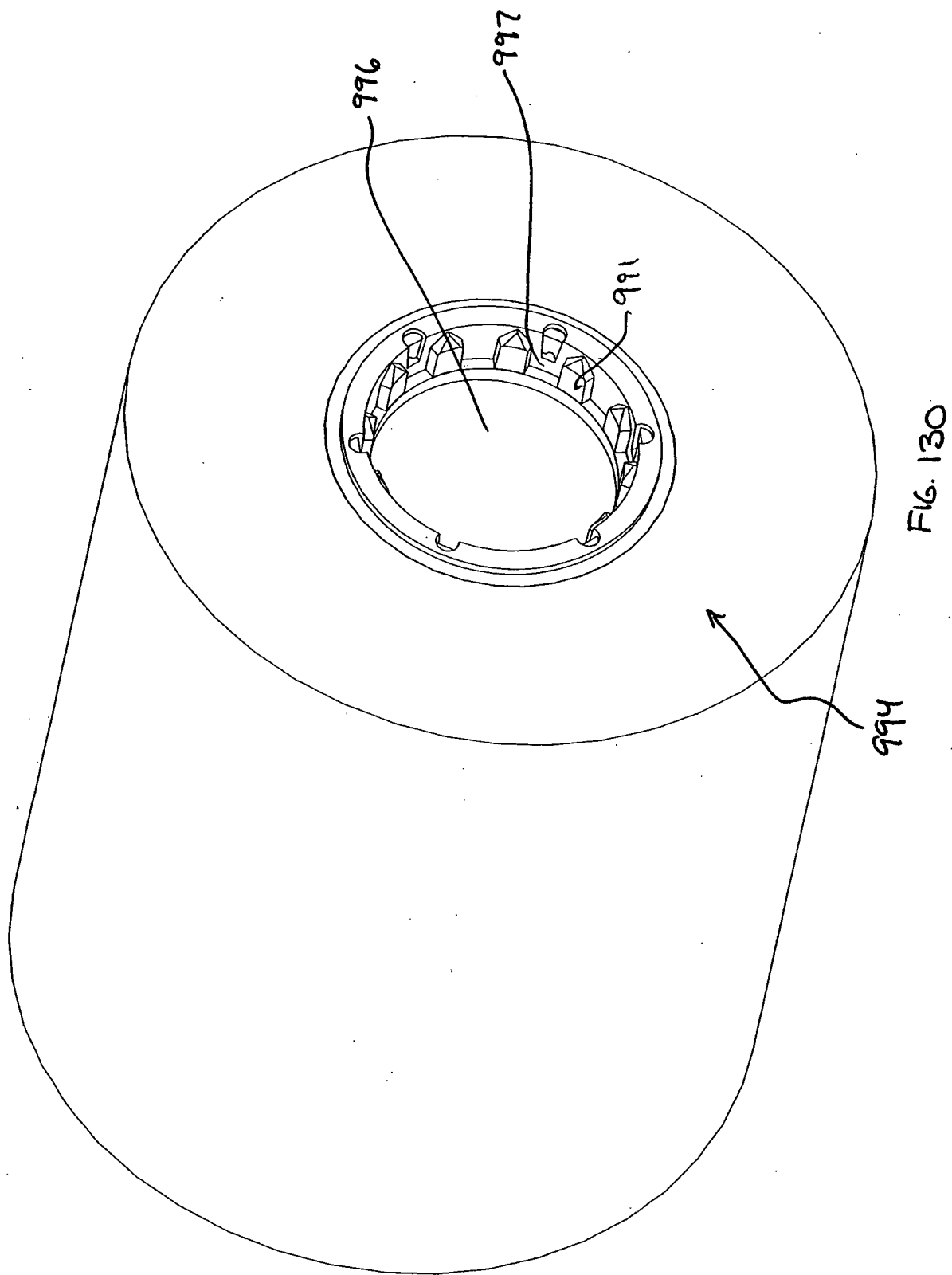


FIG. 13

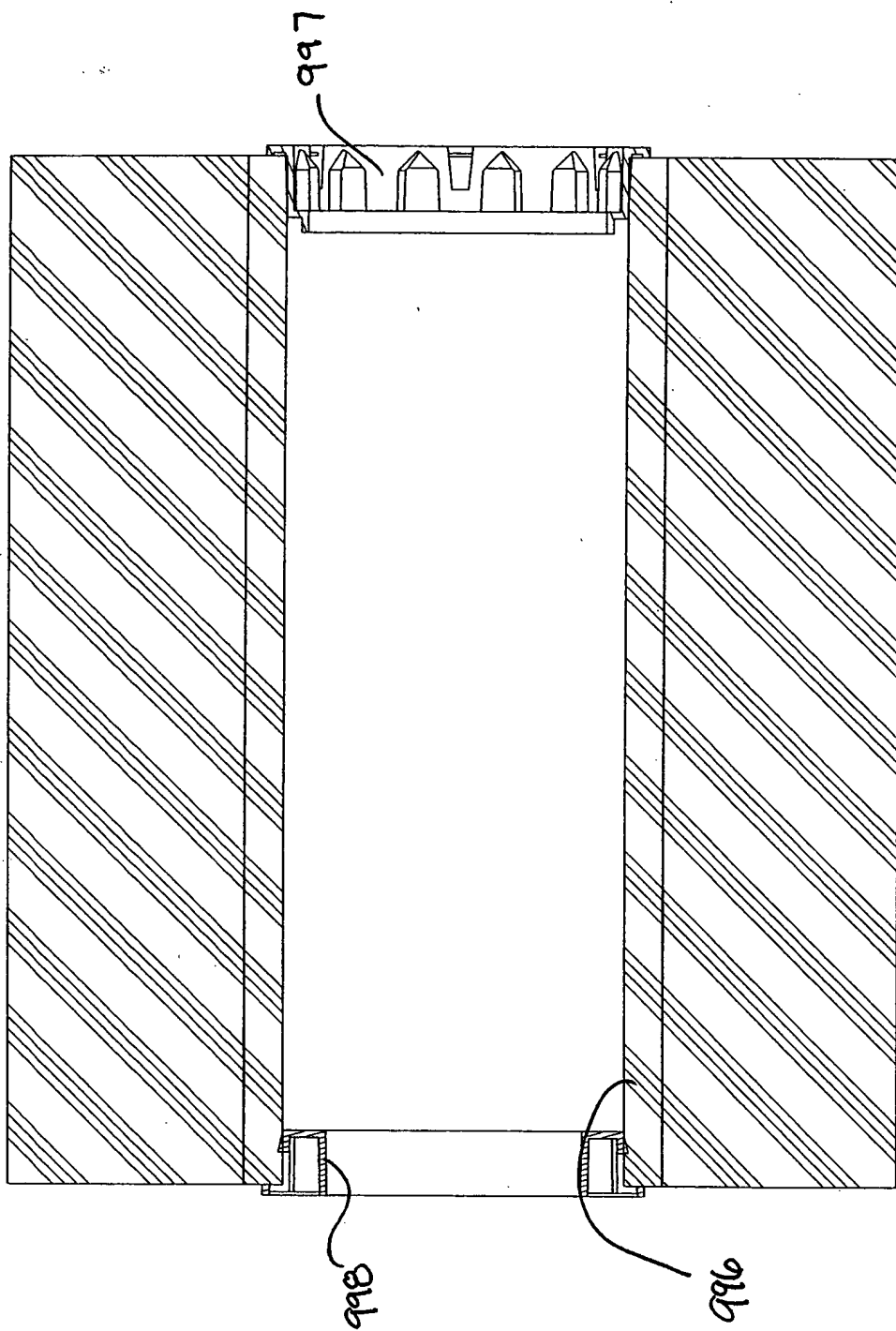
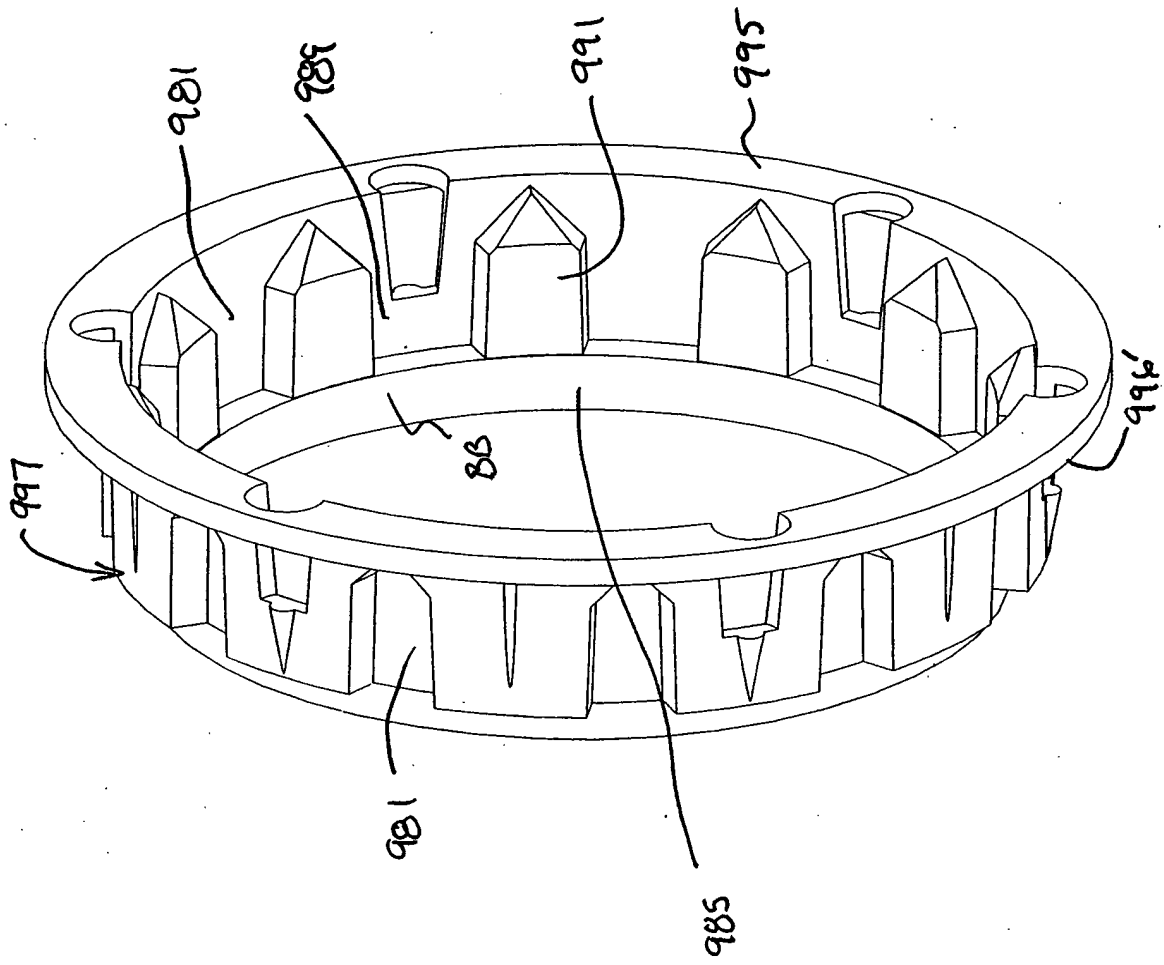


FIG. 132



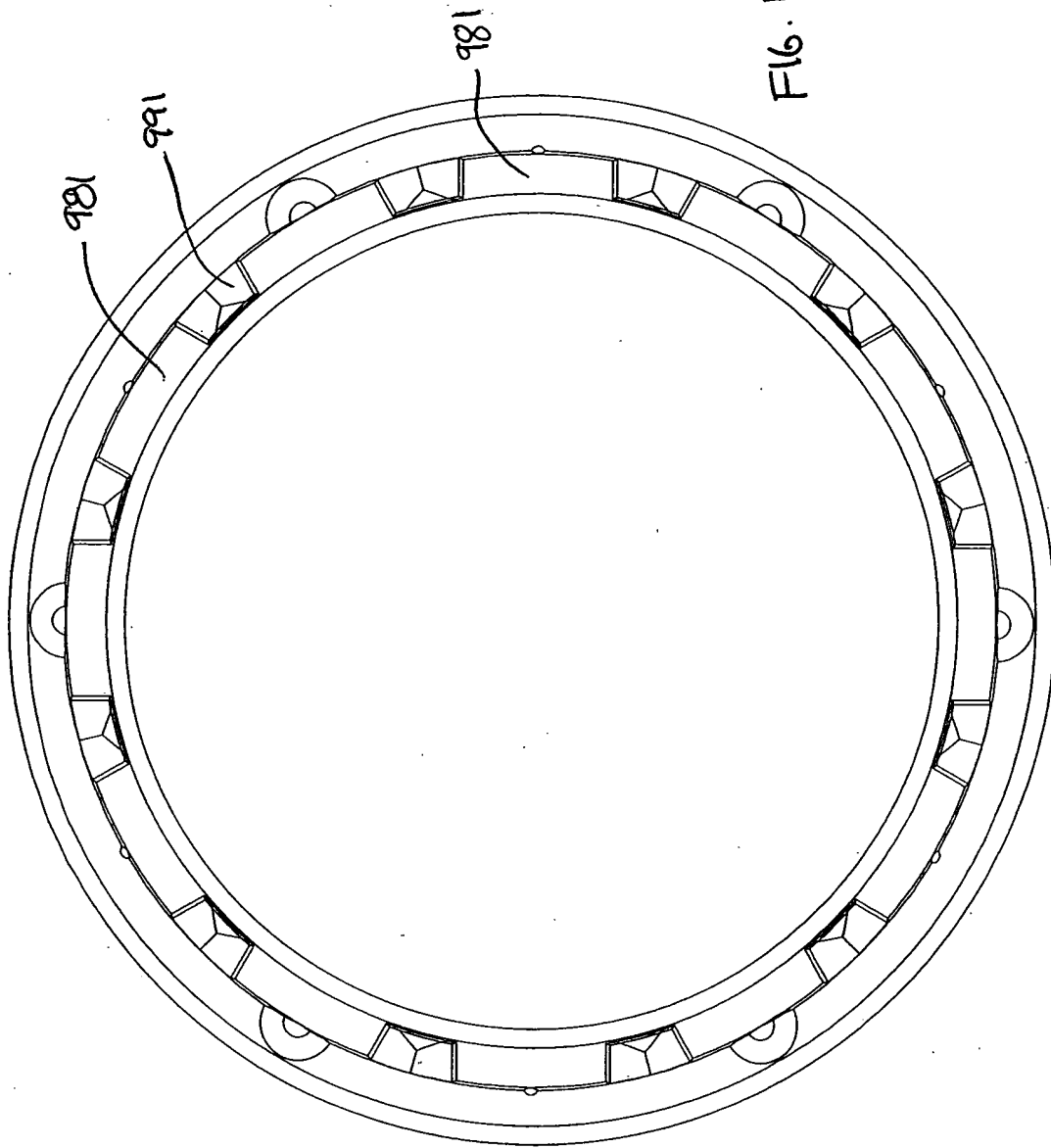
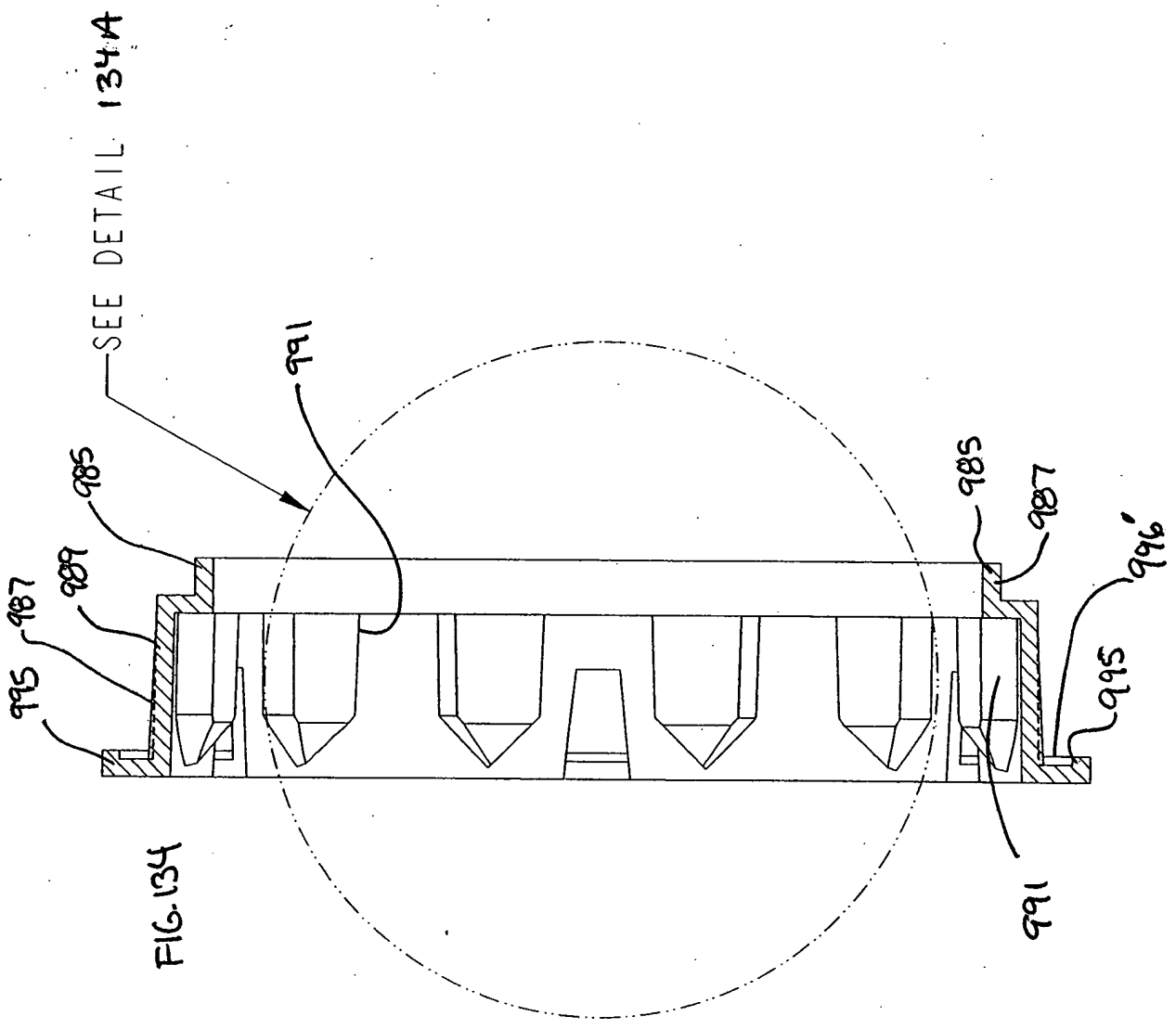


FIG. 133



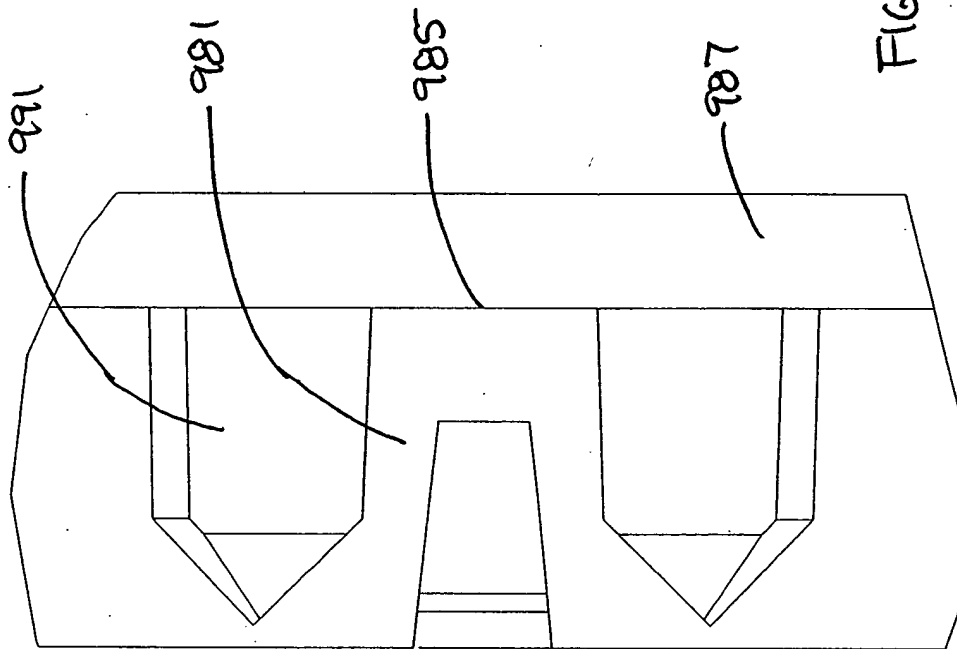


FIG. 134A

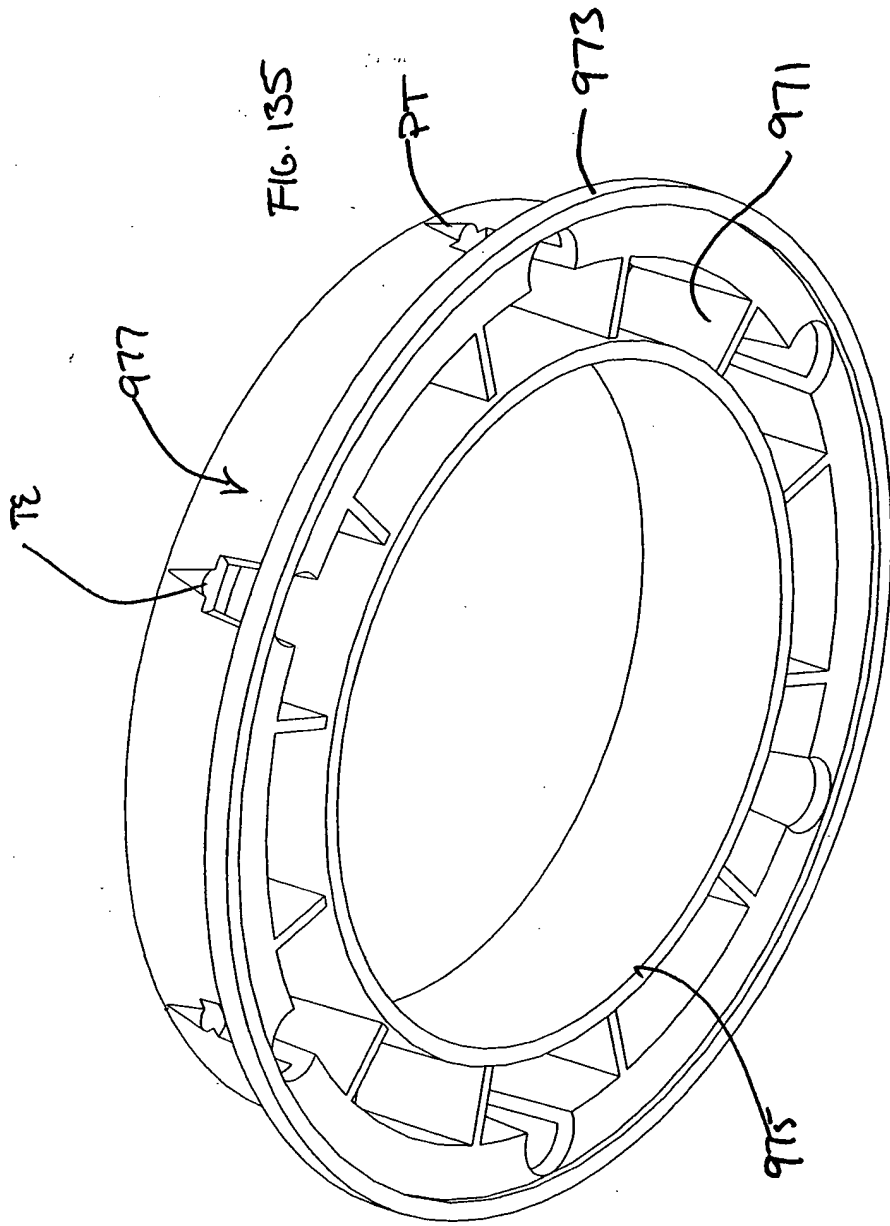


FIG. 135

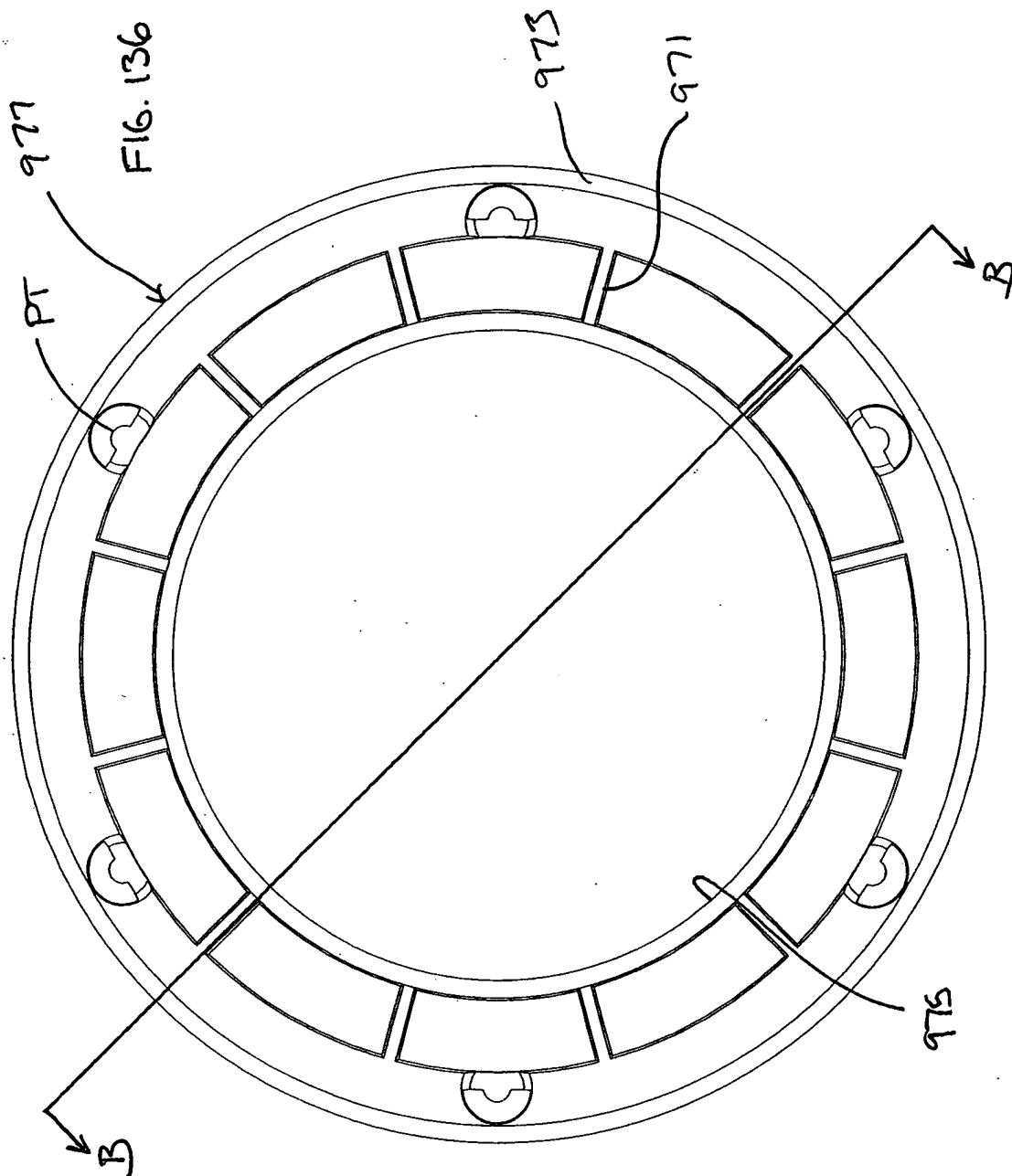
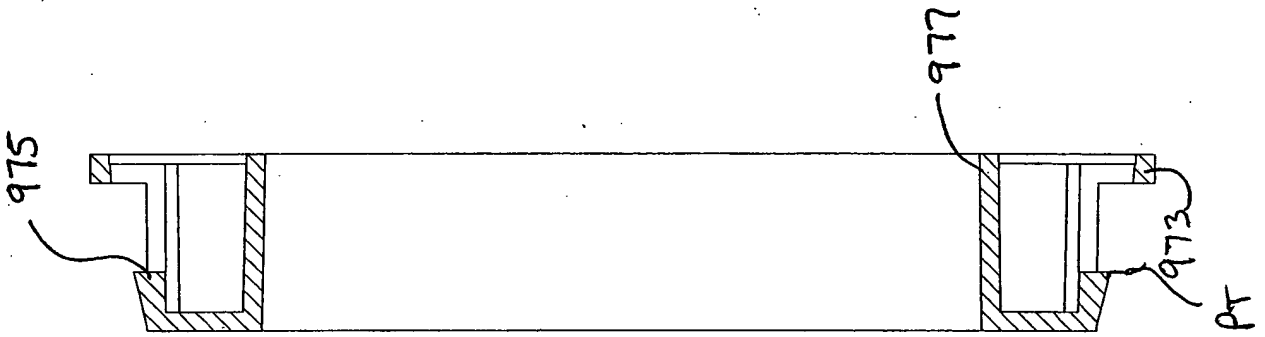
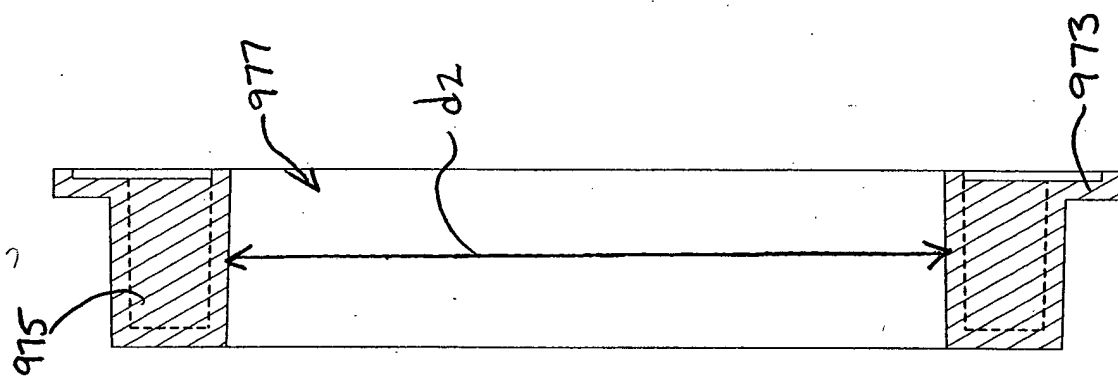
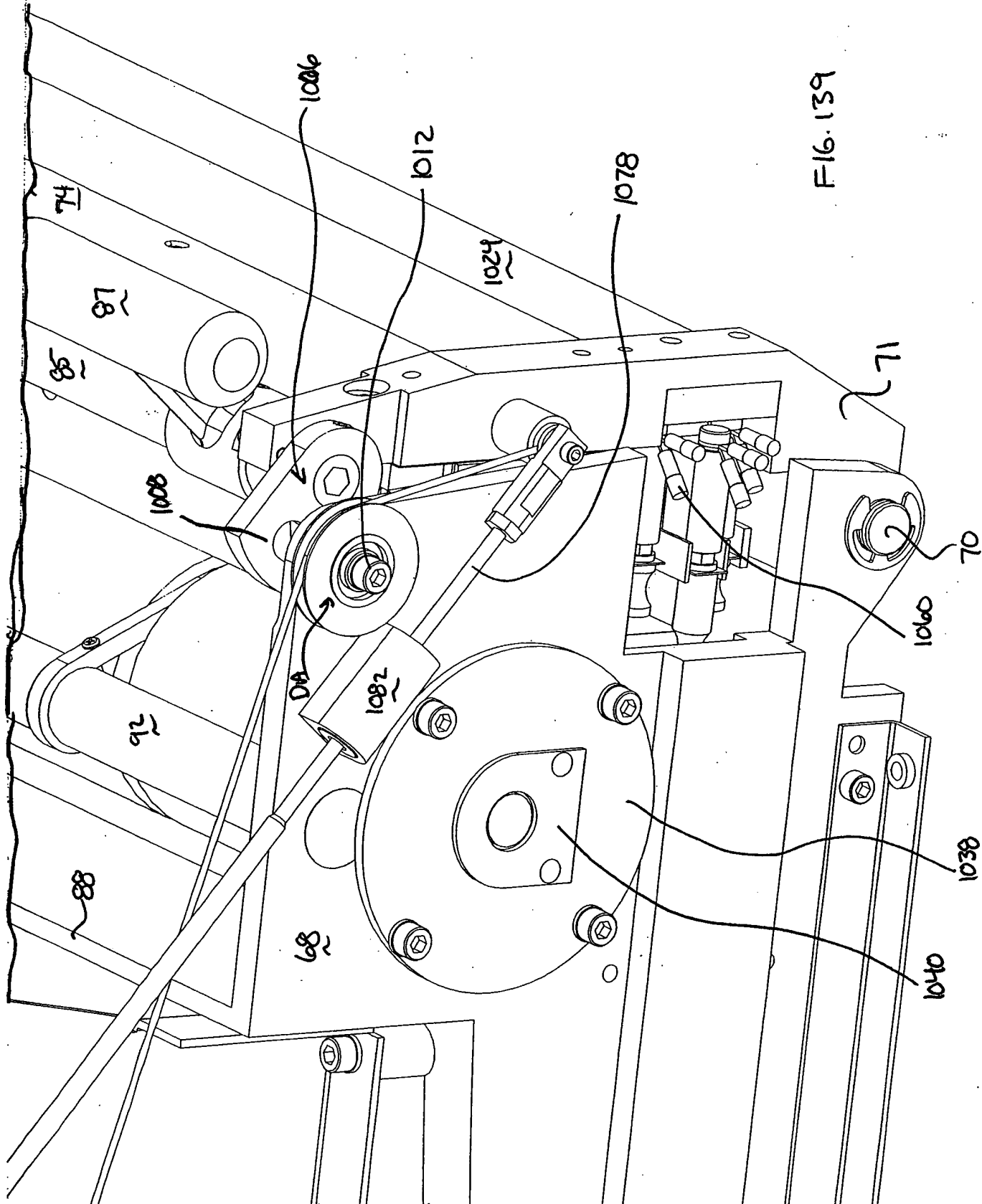
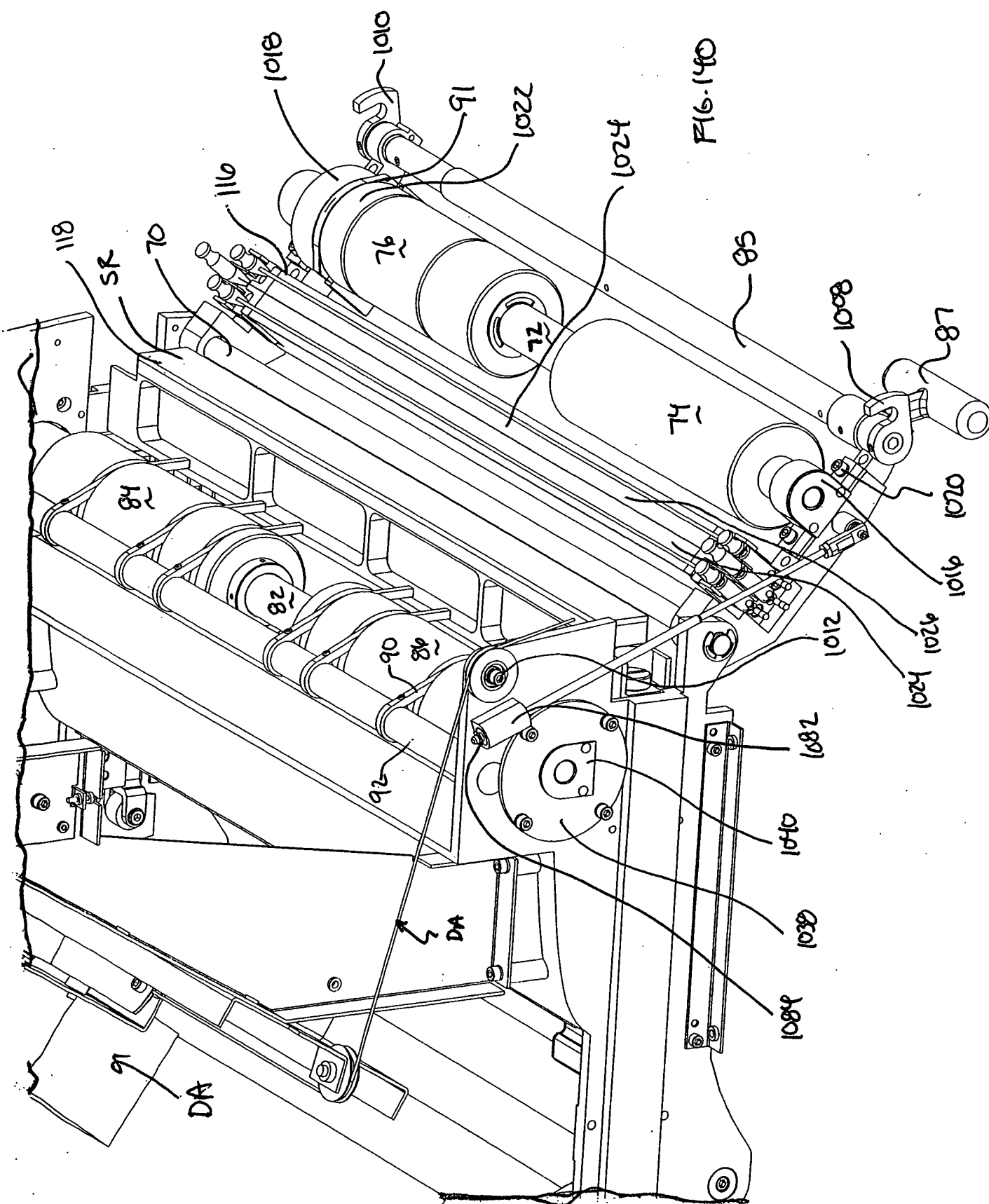


FIG. 137









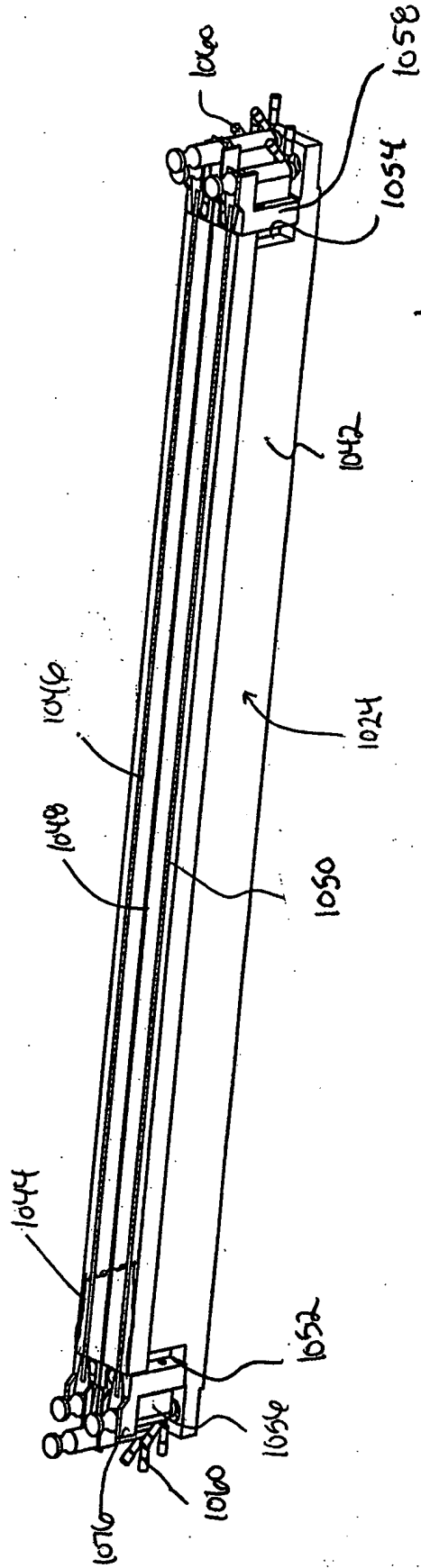


FIG. 141

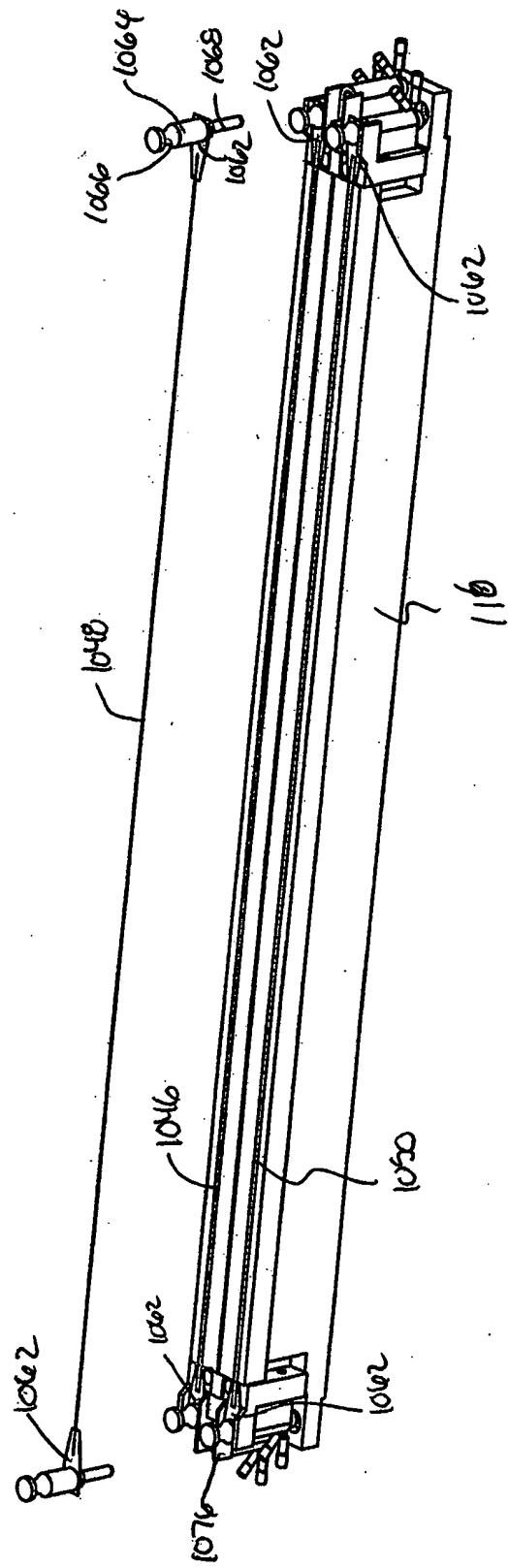


FIG 142

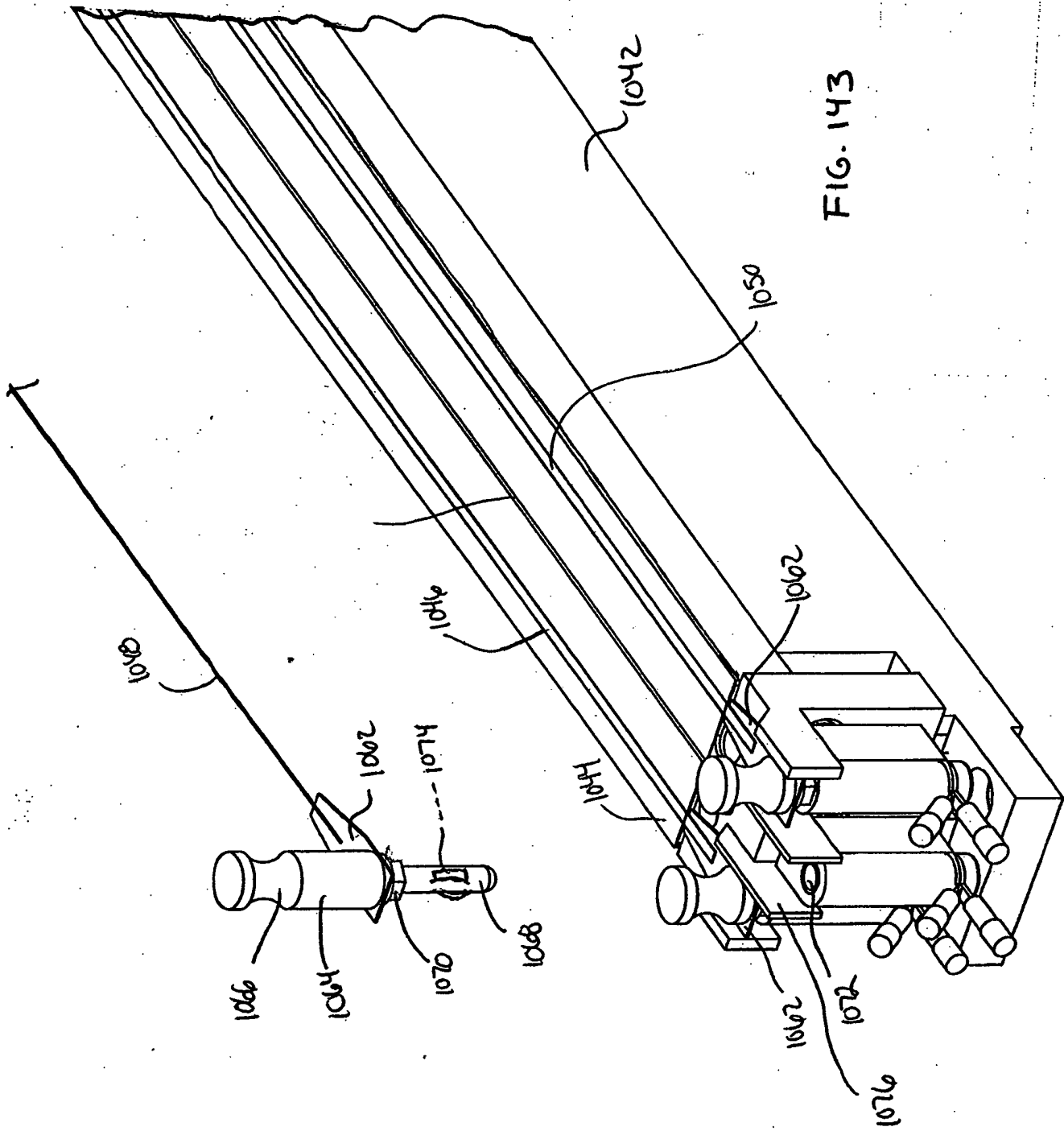


FIG. 143

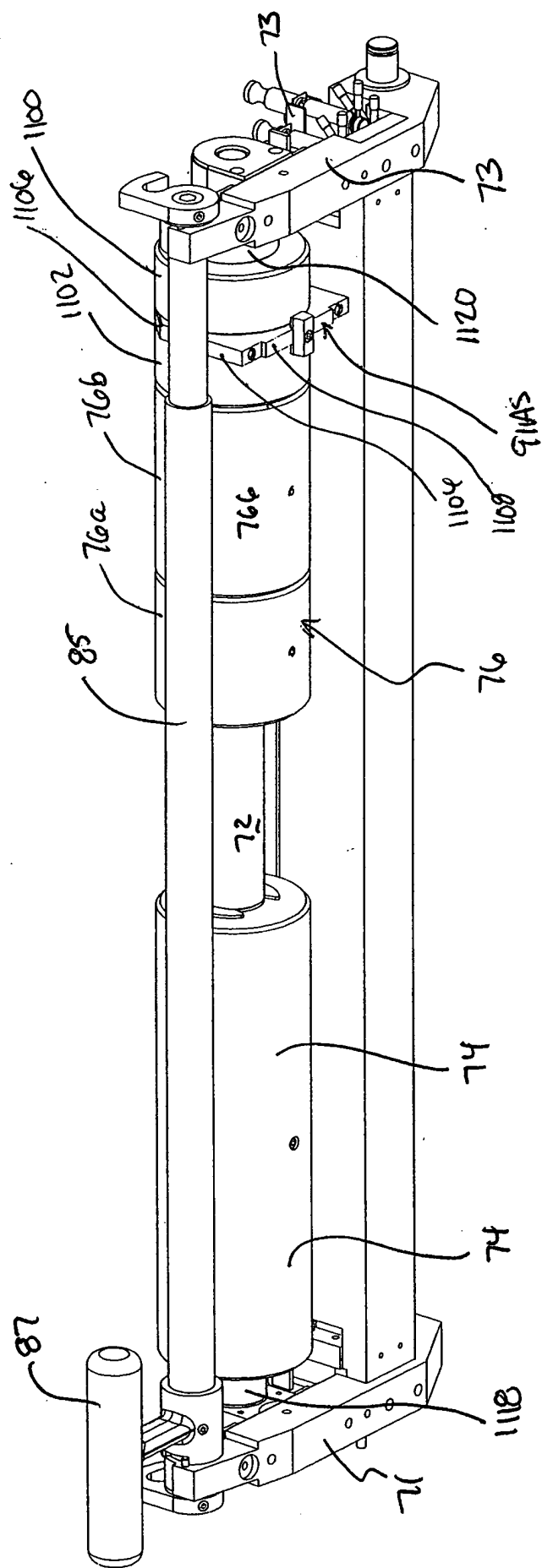


FIG. 144

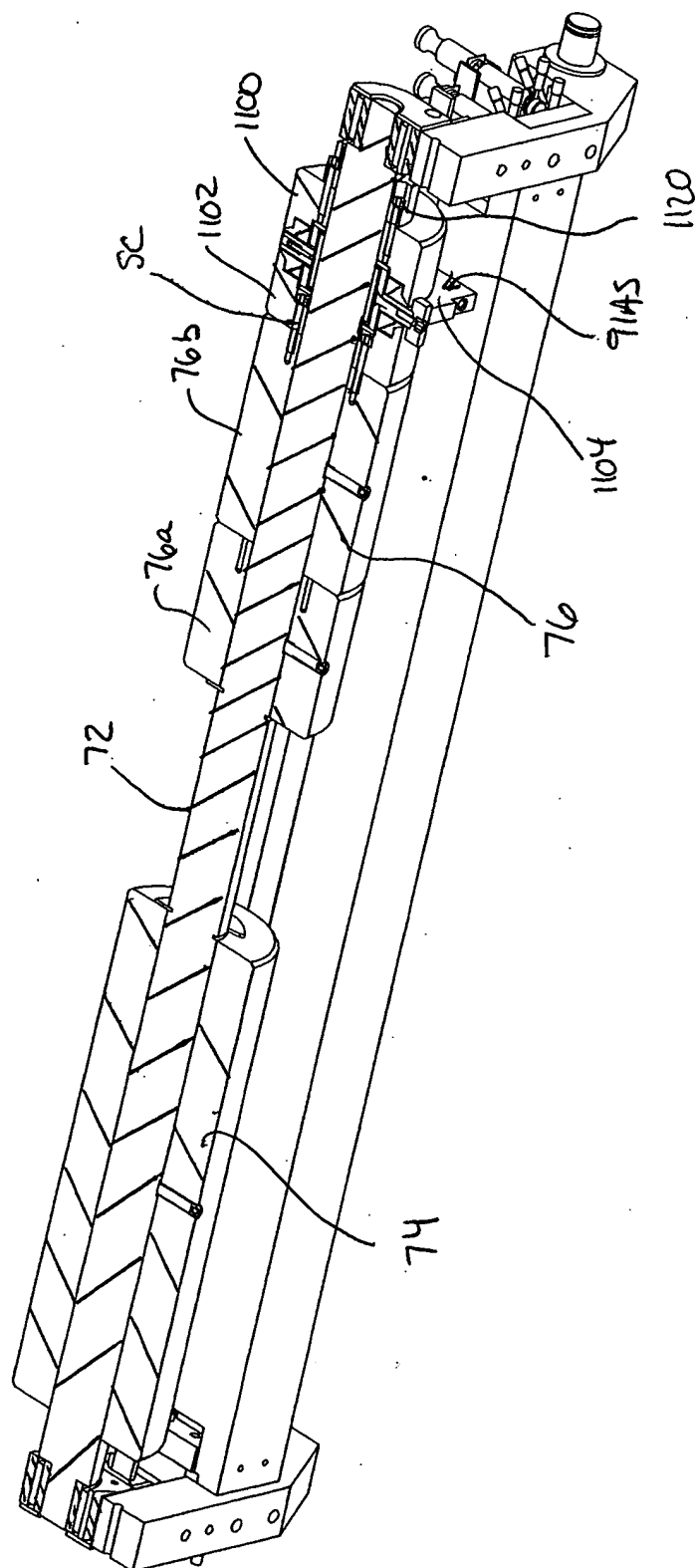


FIG. 145

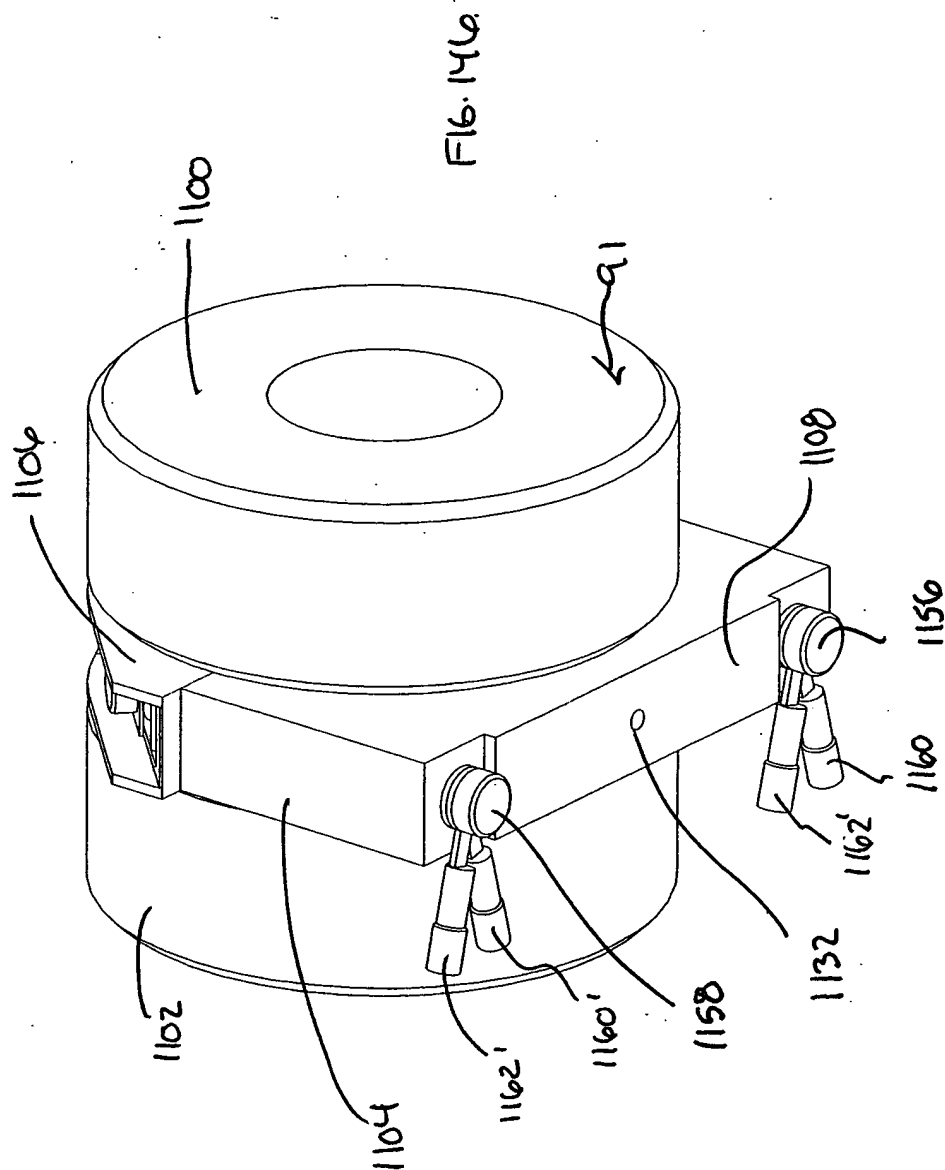


FIG. 146A

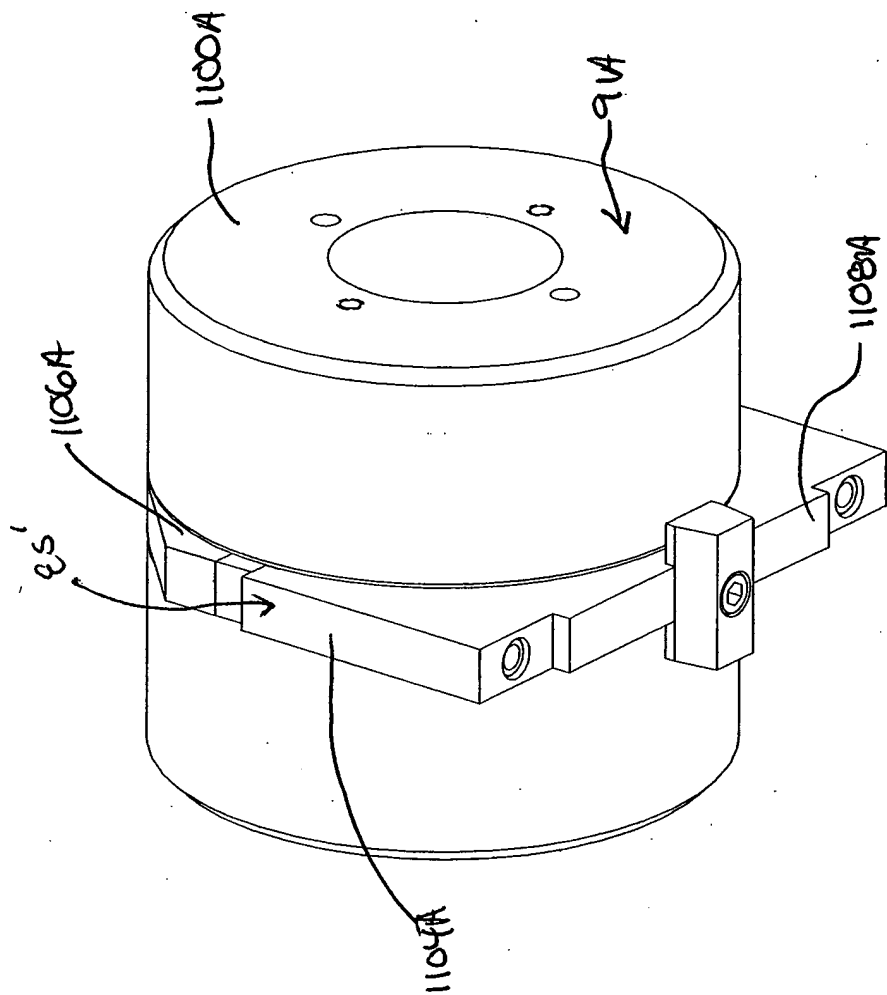


FIG. 147

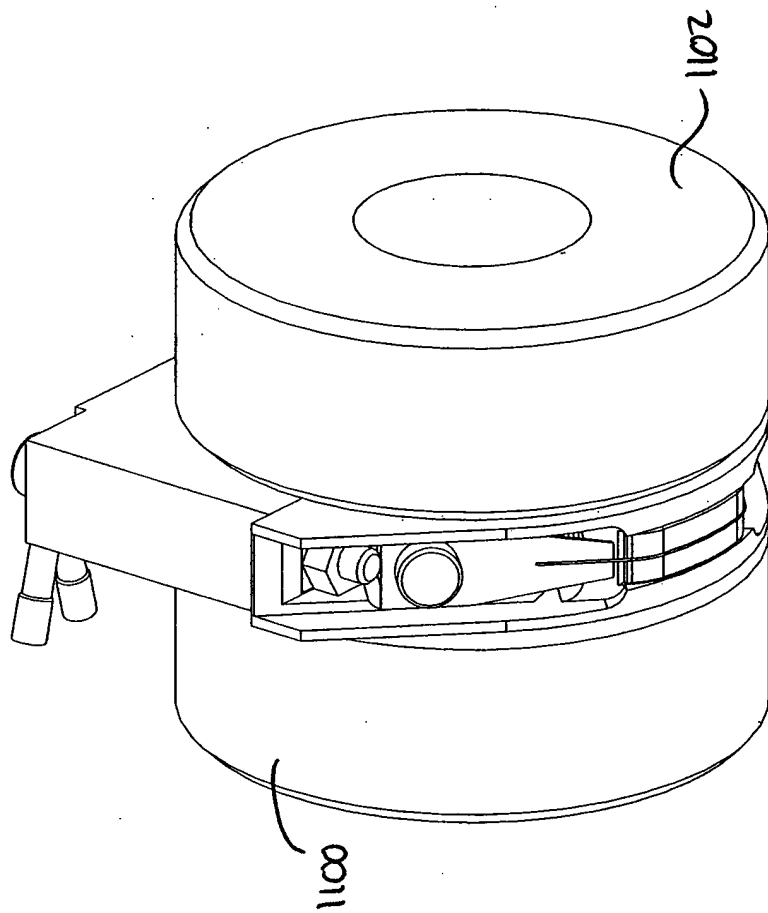
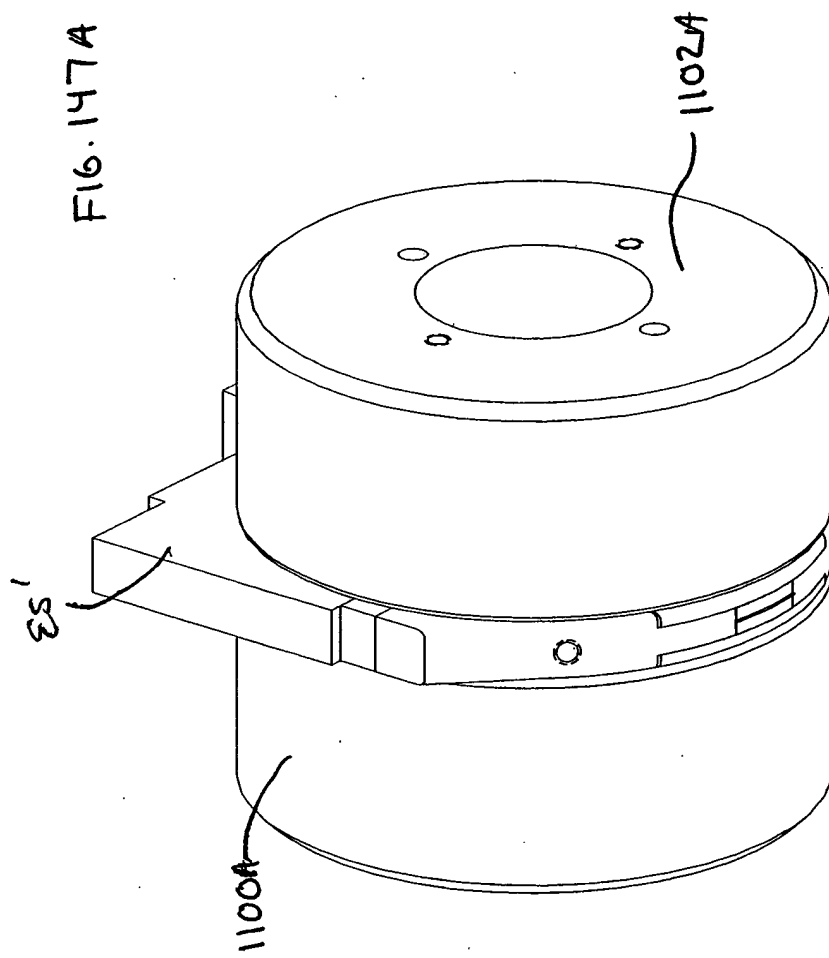


FIG. 147A



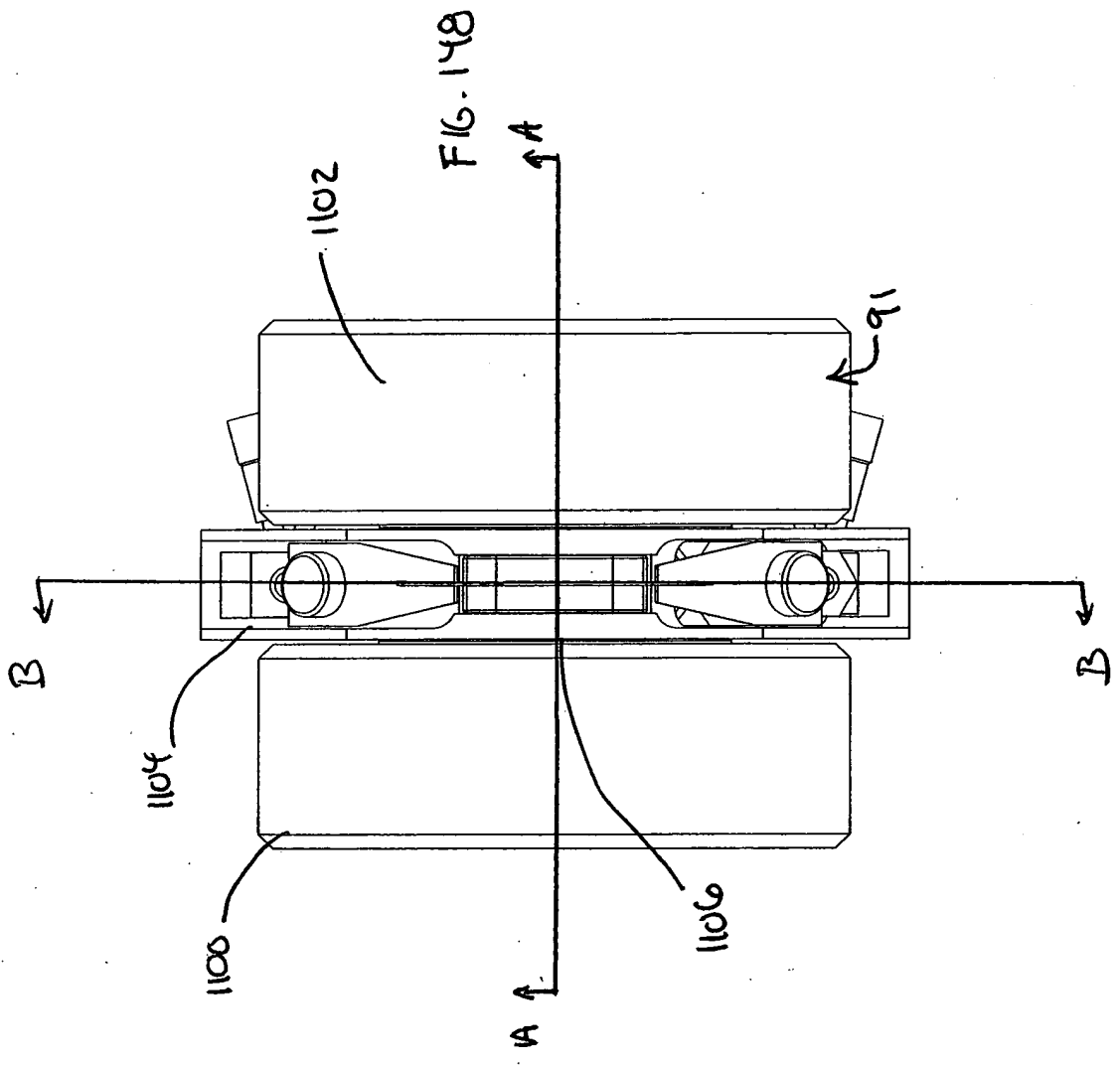
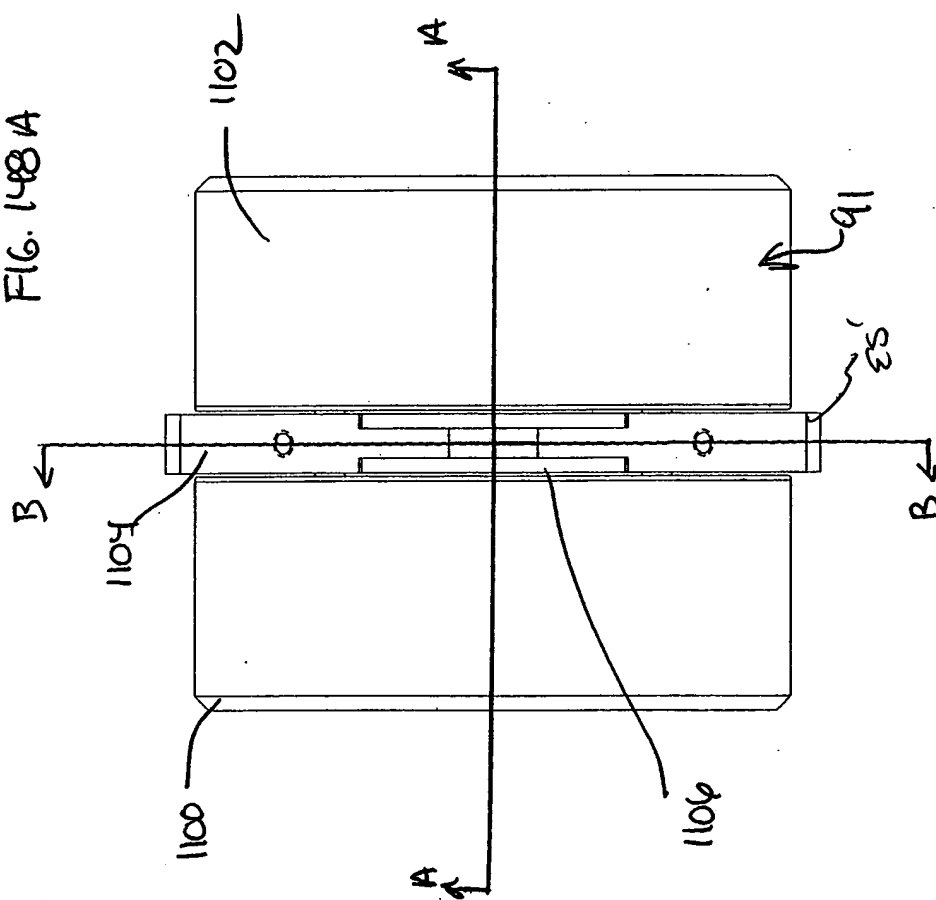


FIG. 148A



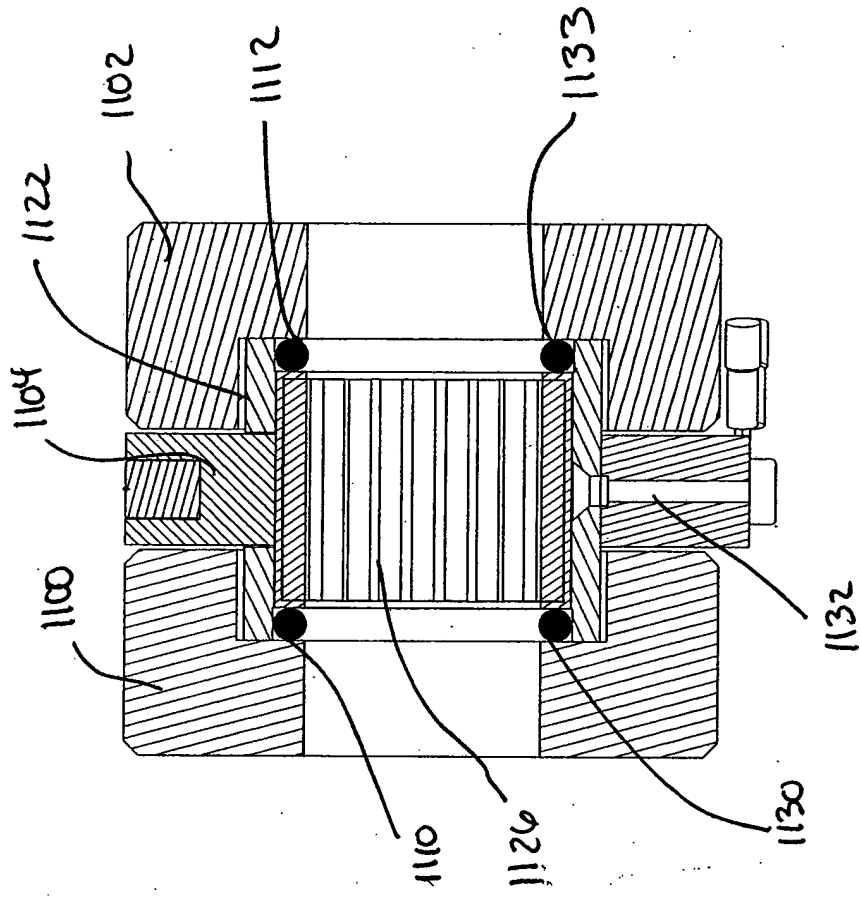


FIG. 149

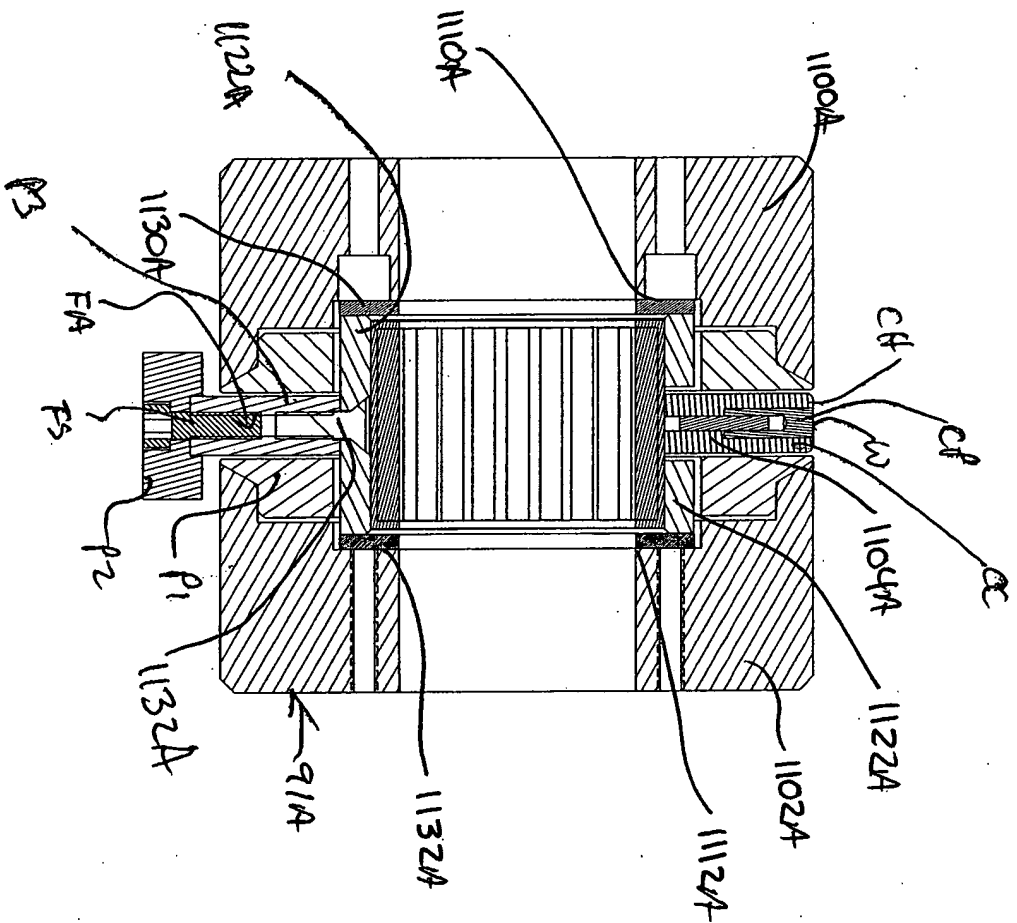


FIG. 149A

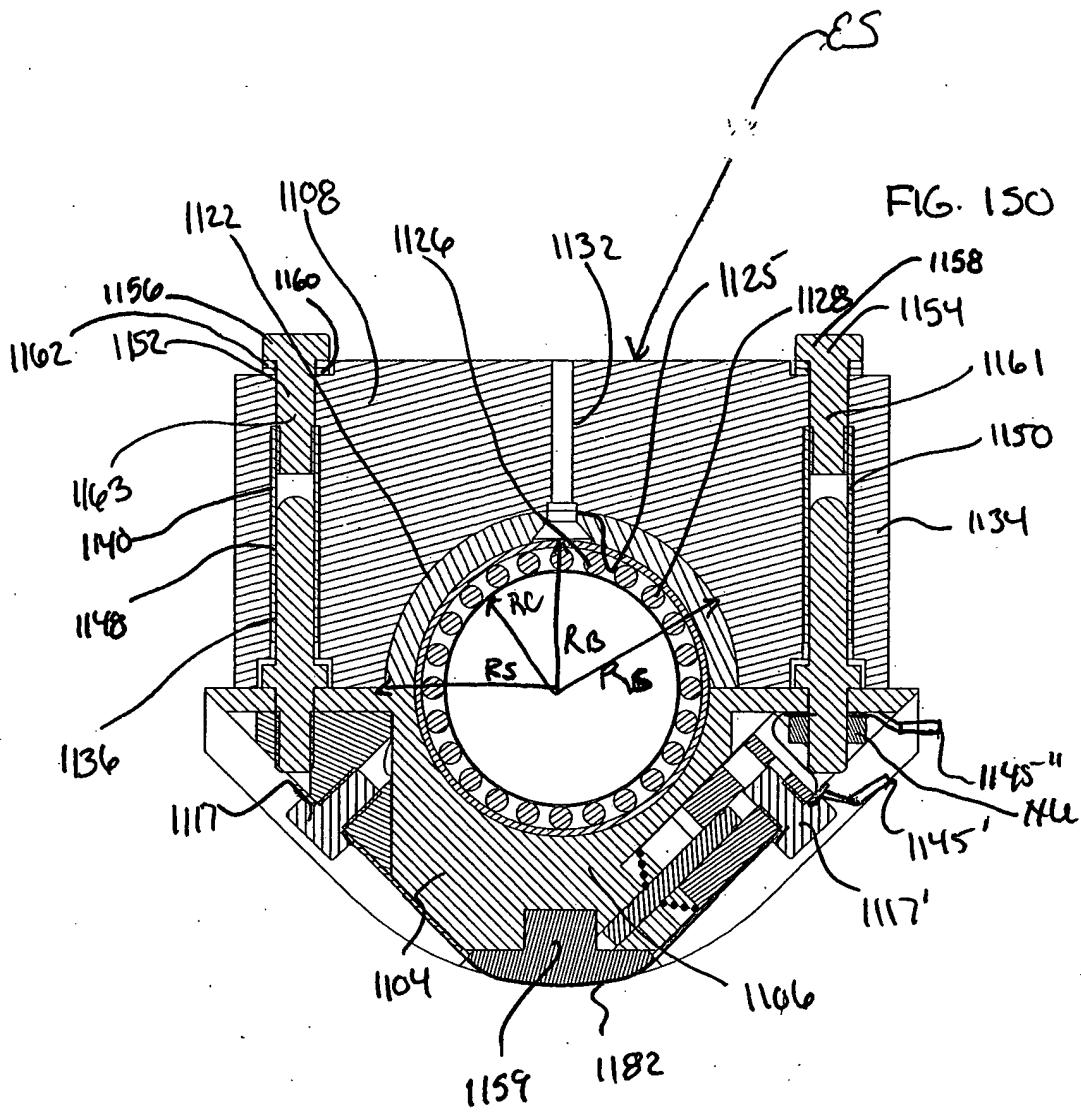


FIG. 1504A

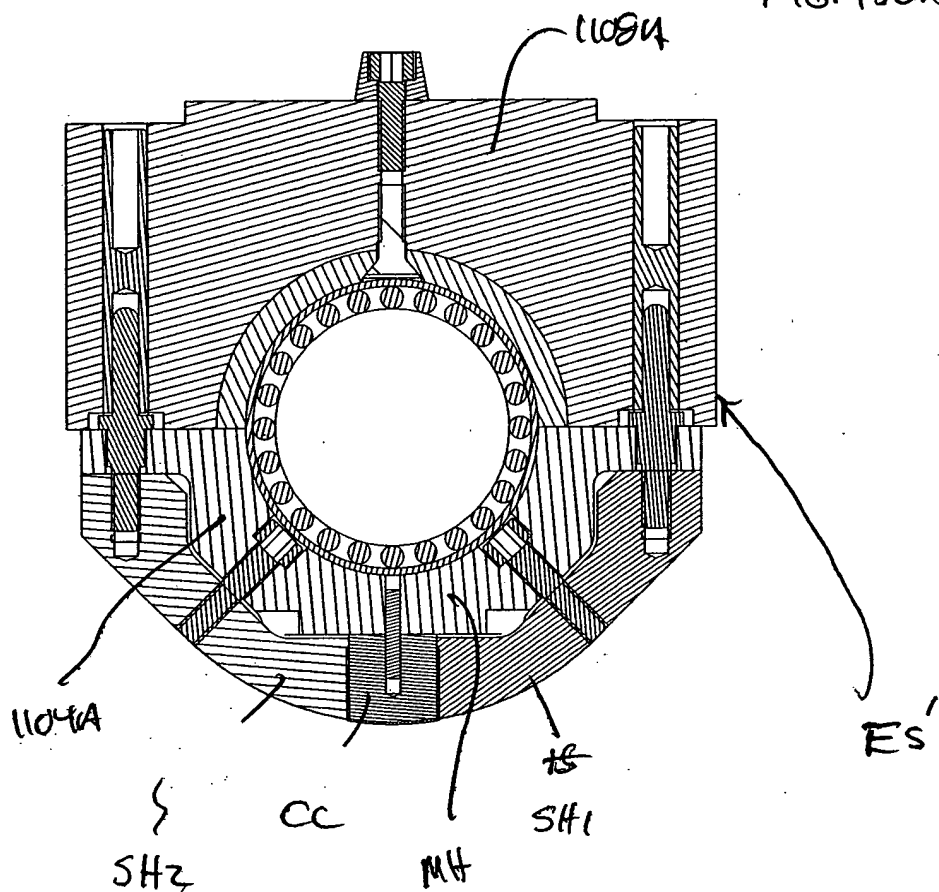


FIG. 151

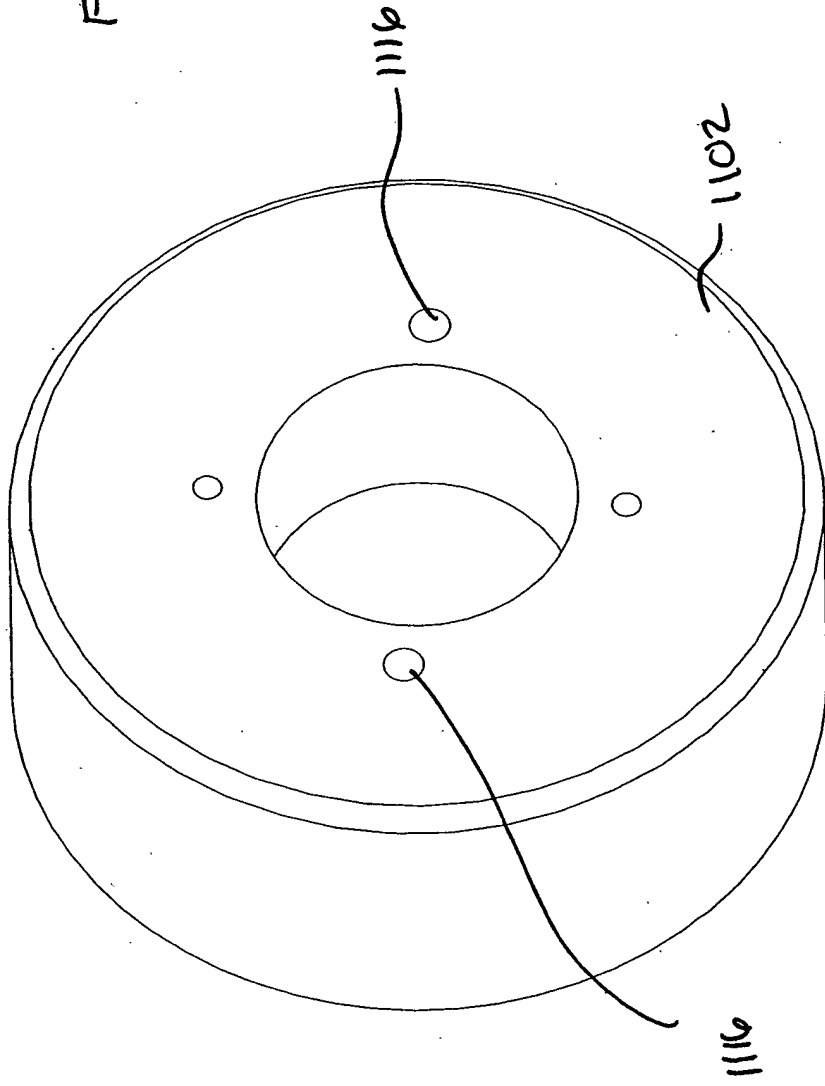


FIG. 151A

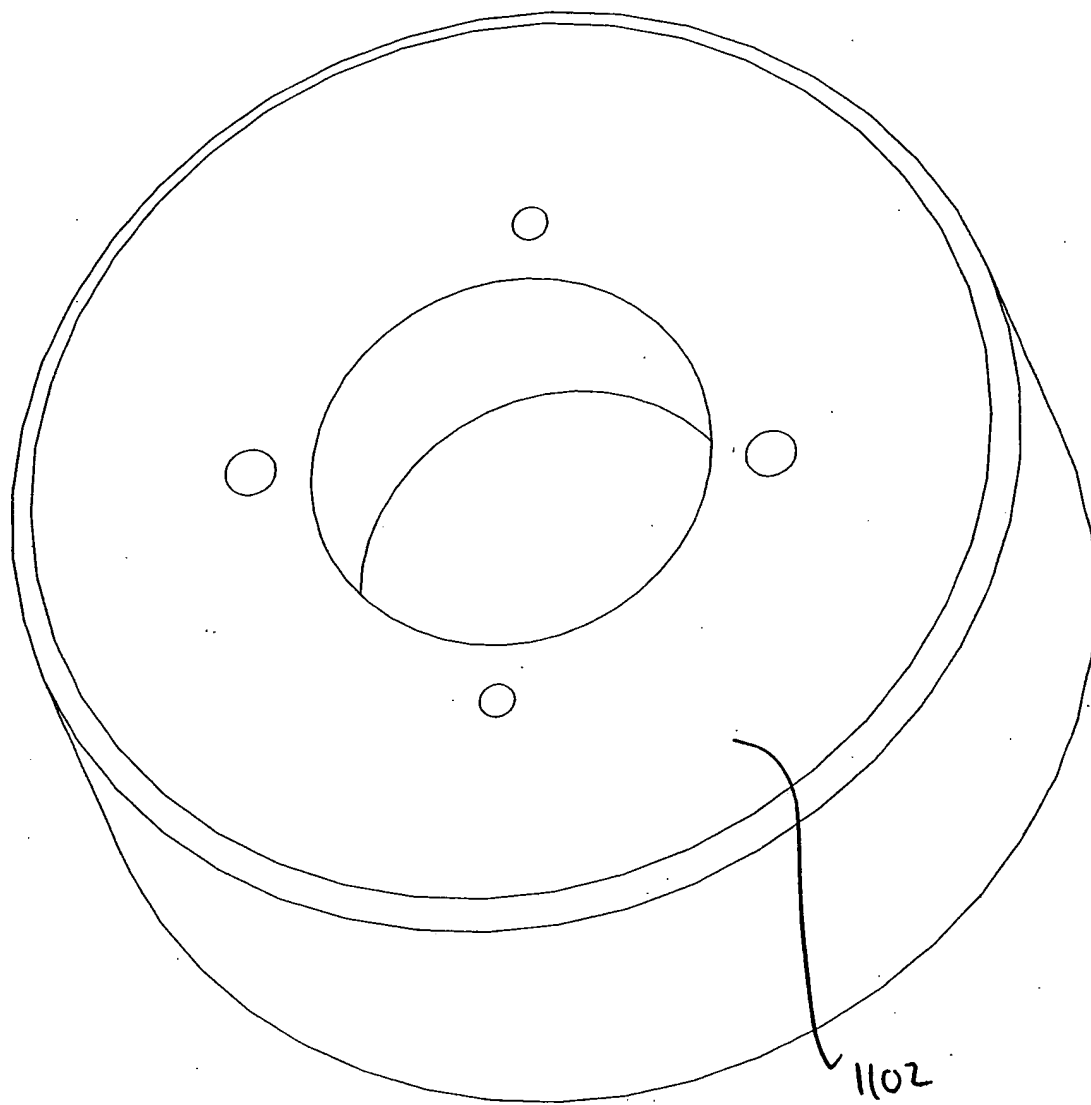


FIG. 152

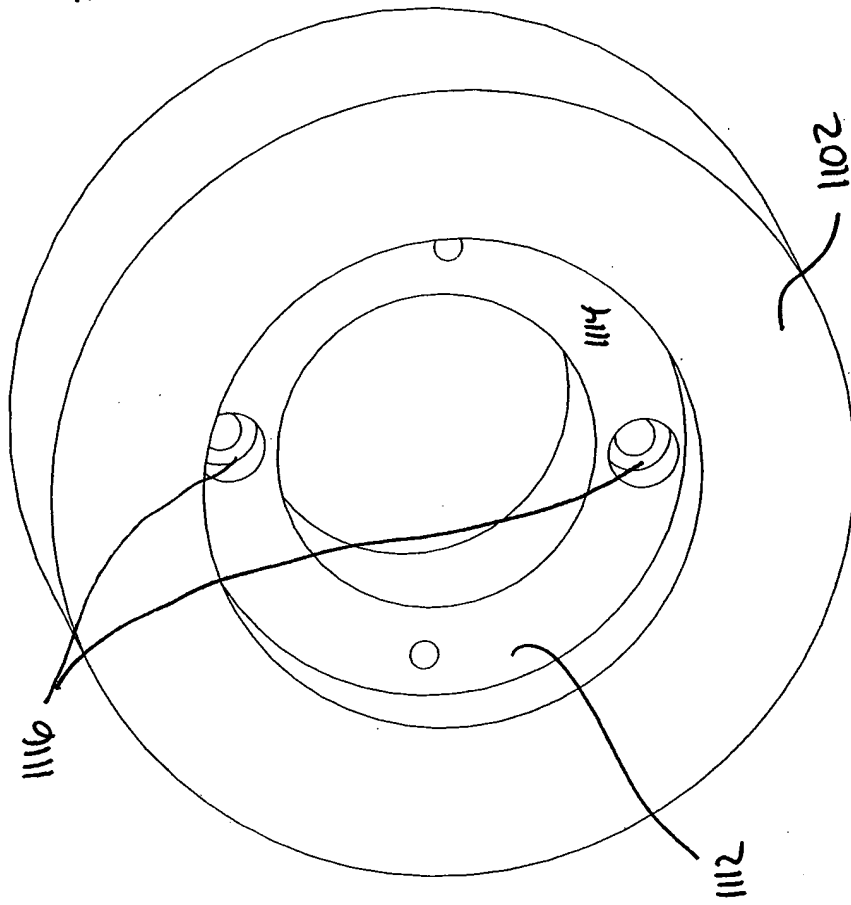


FIG. 152A

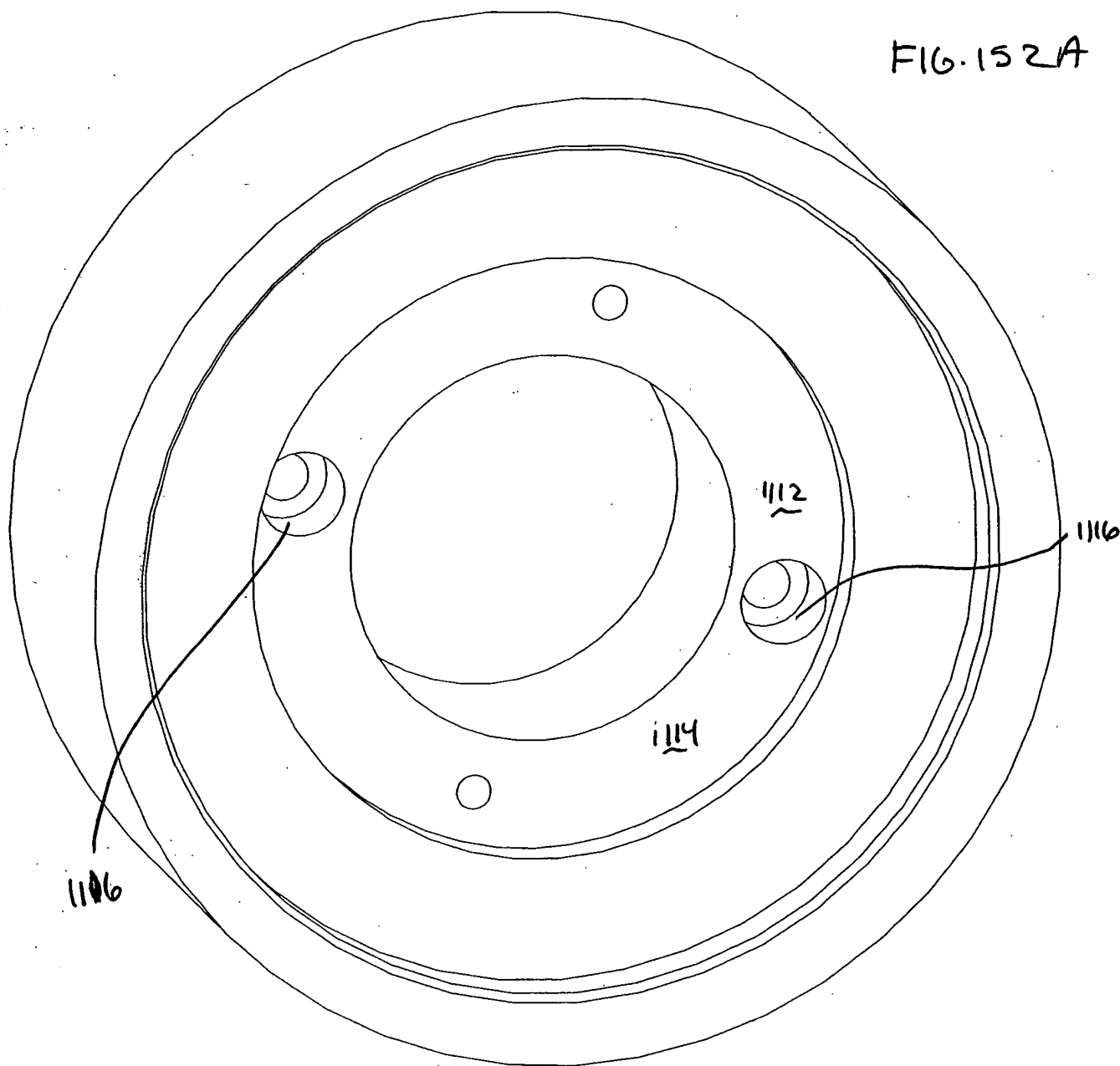
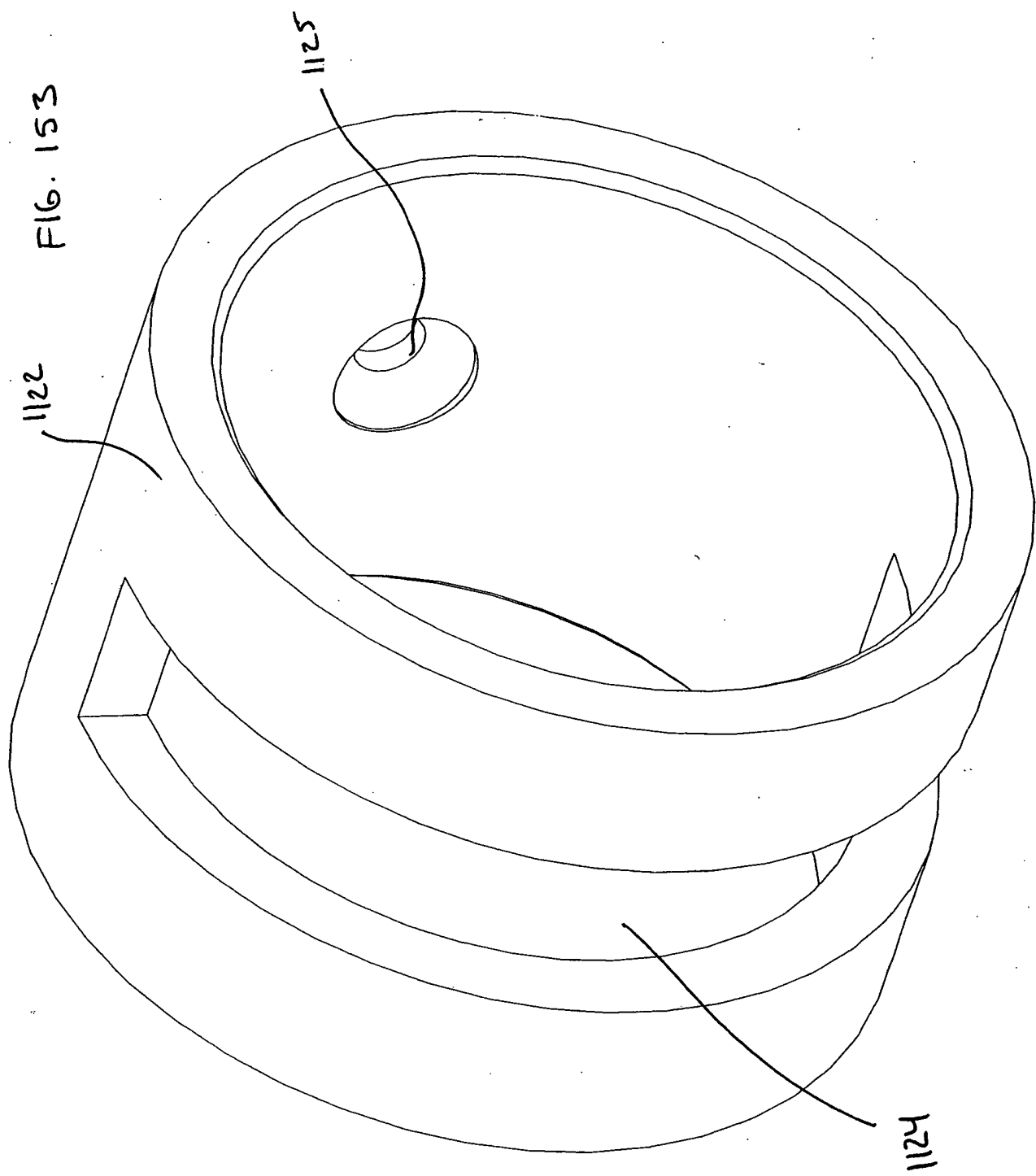


FIG. 153



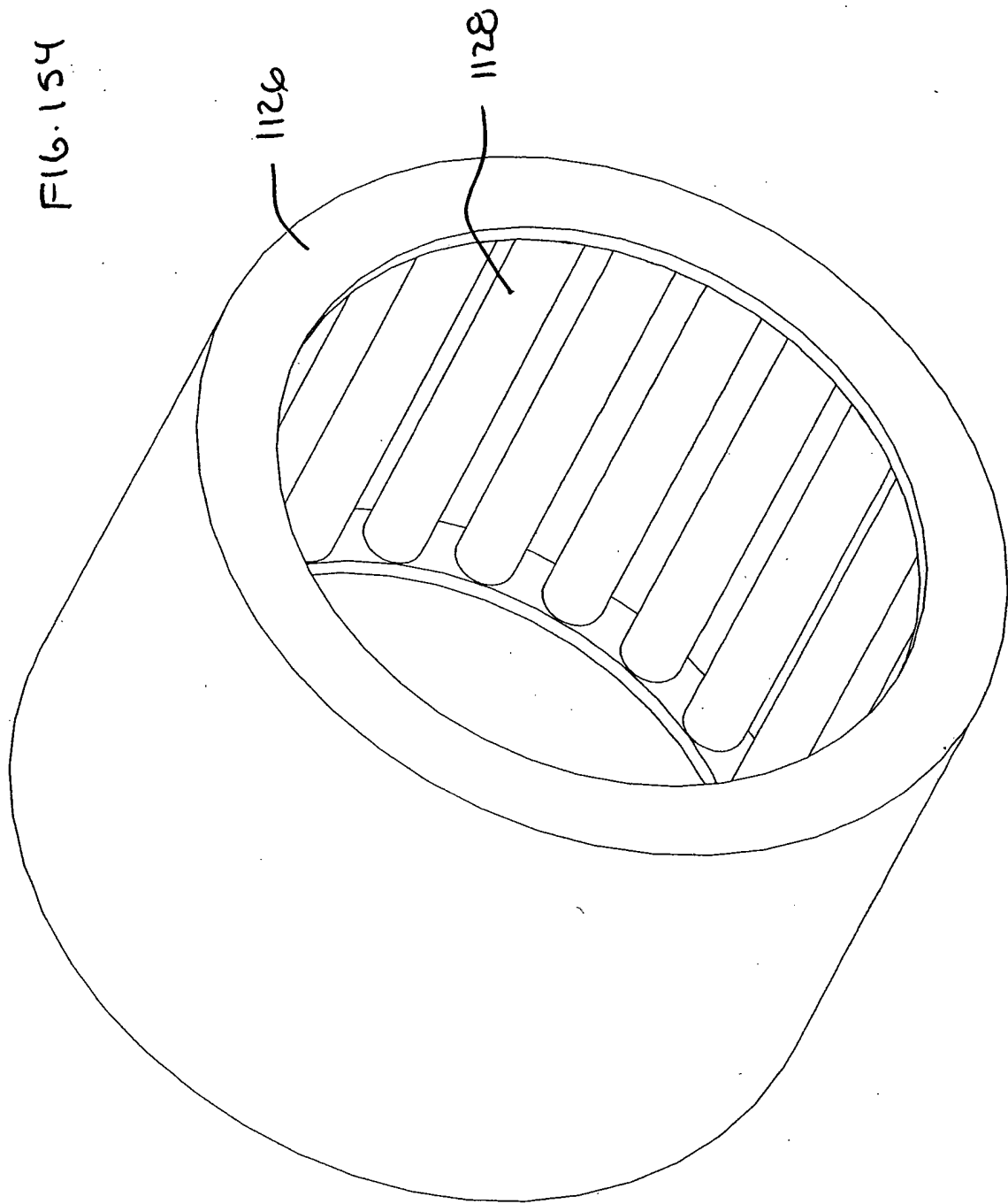
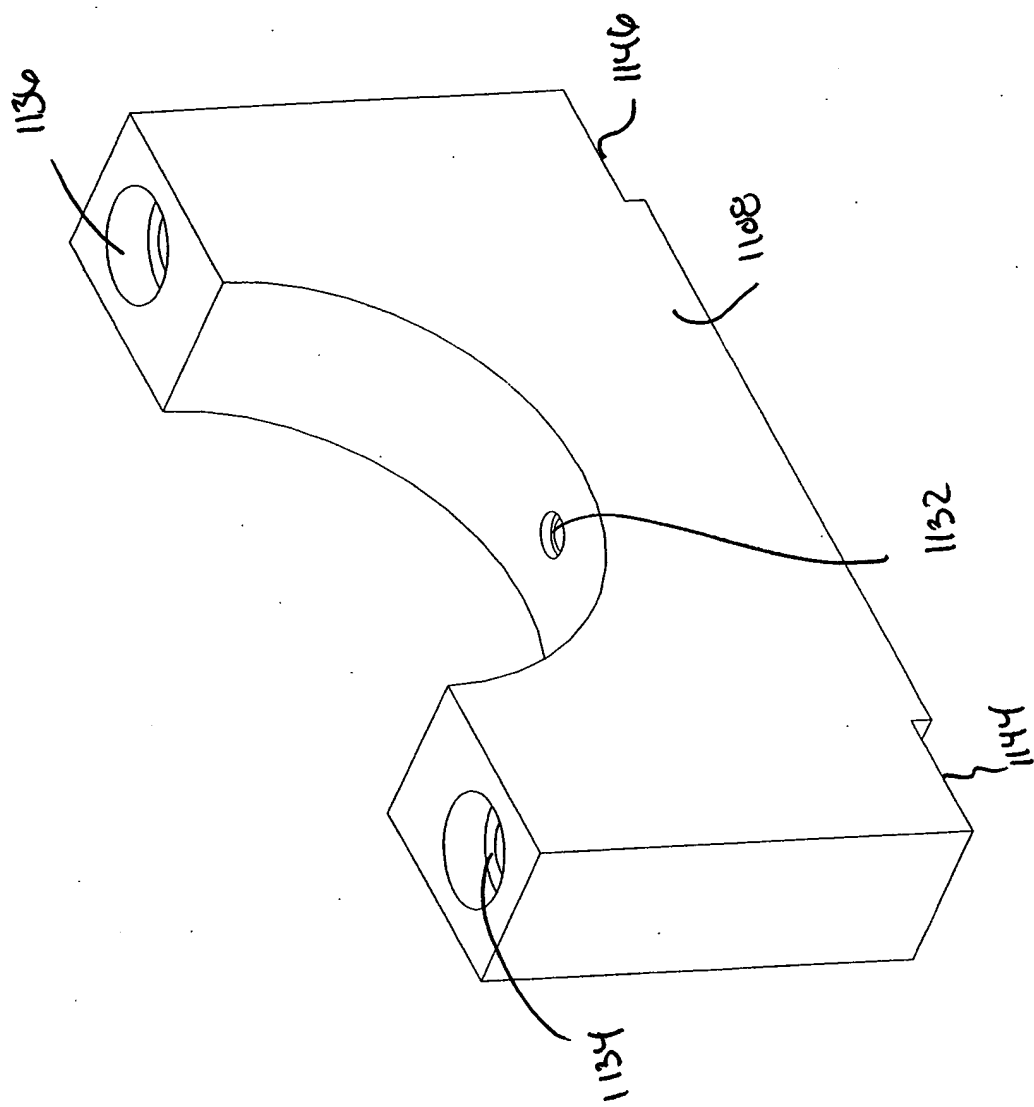


FIG. 155



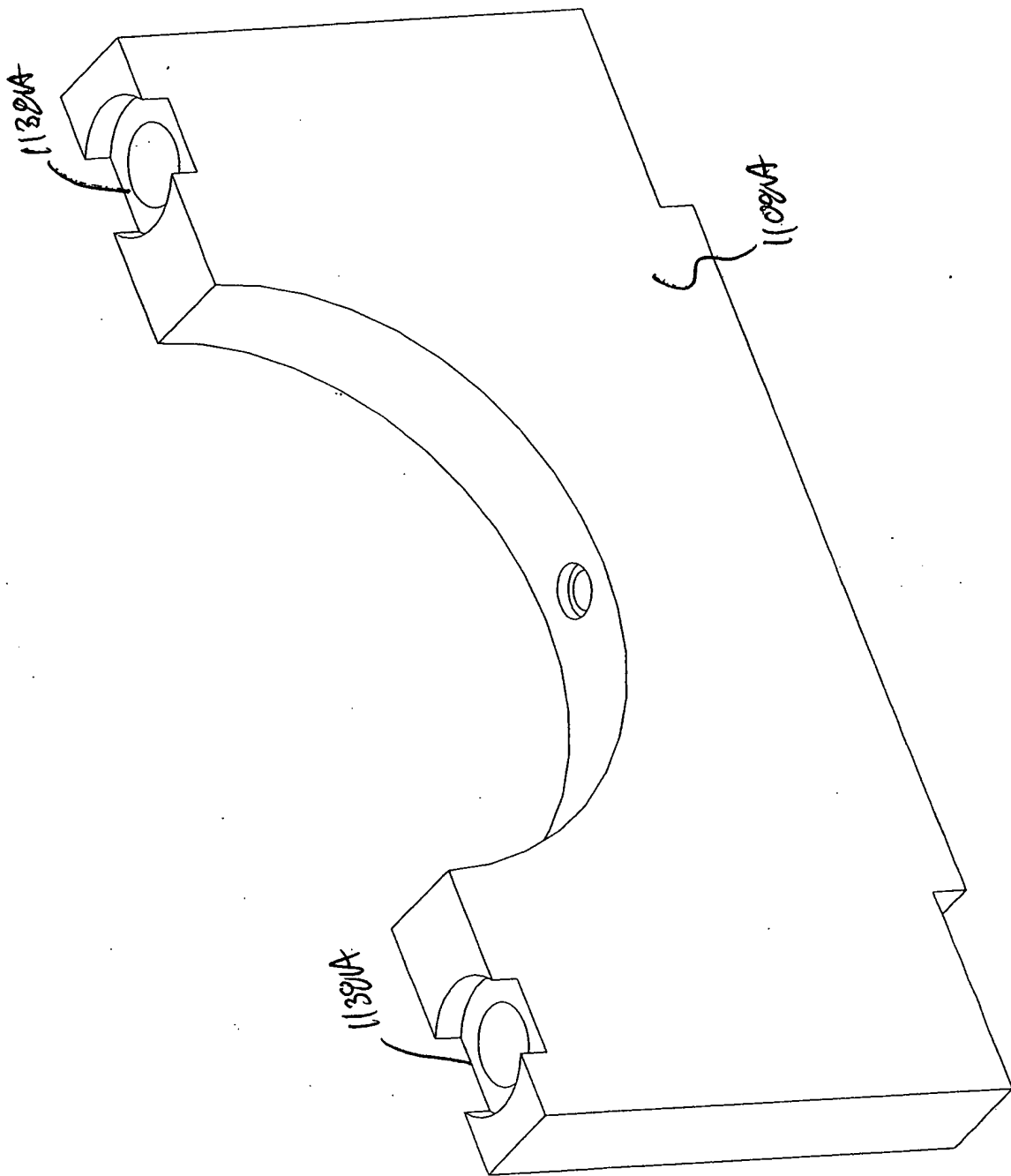


FIG. 155A

FIG. 156A

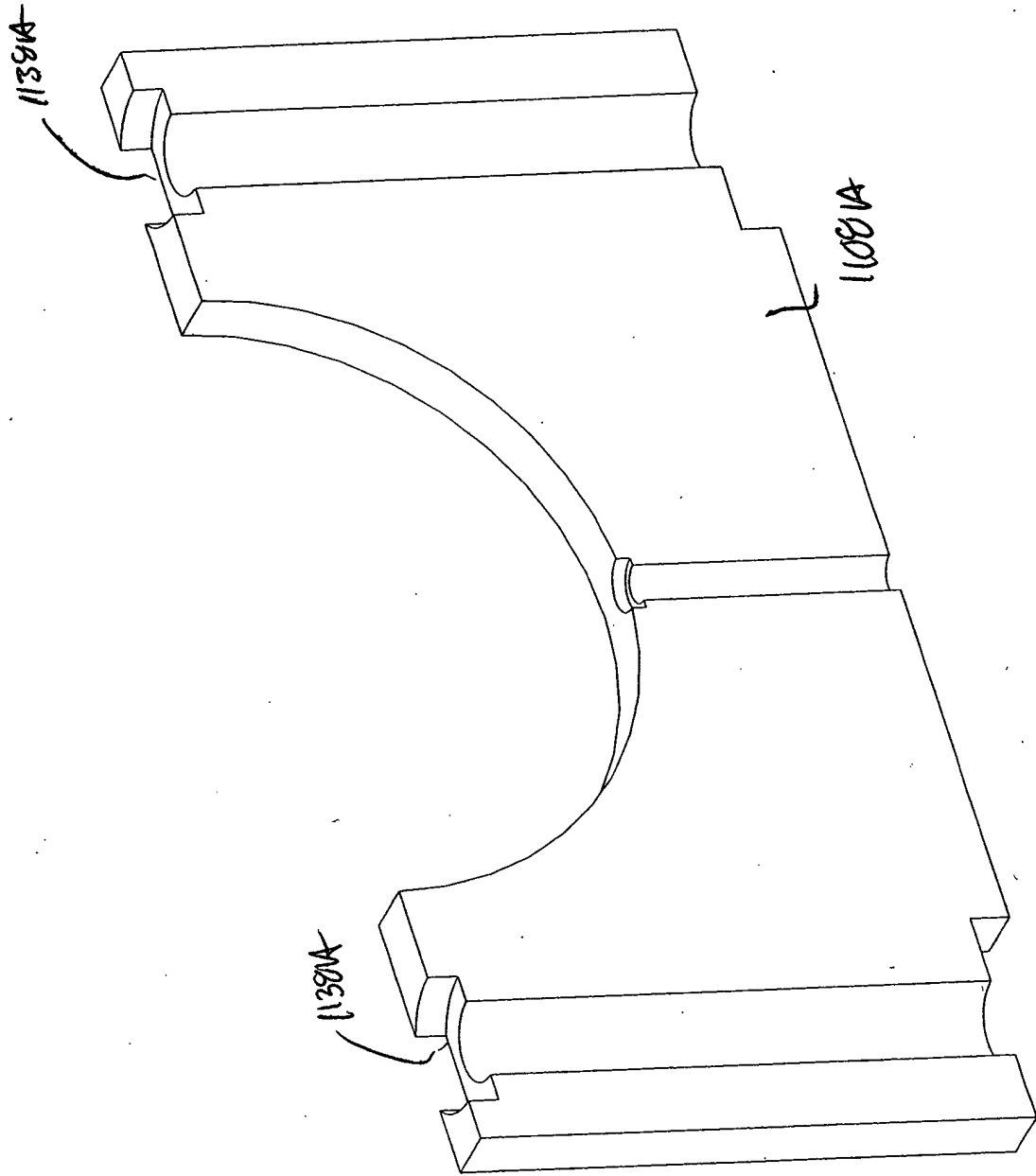
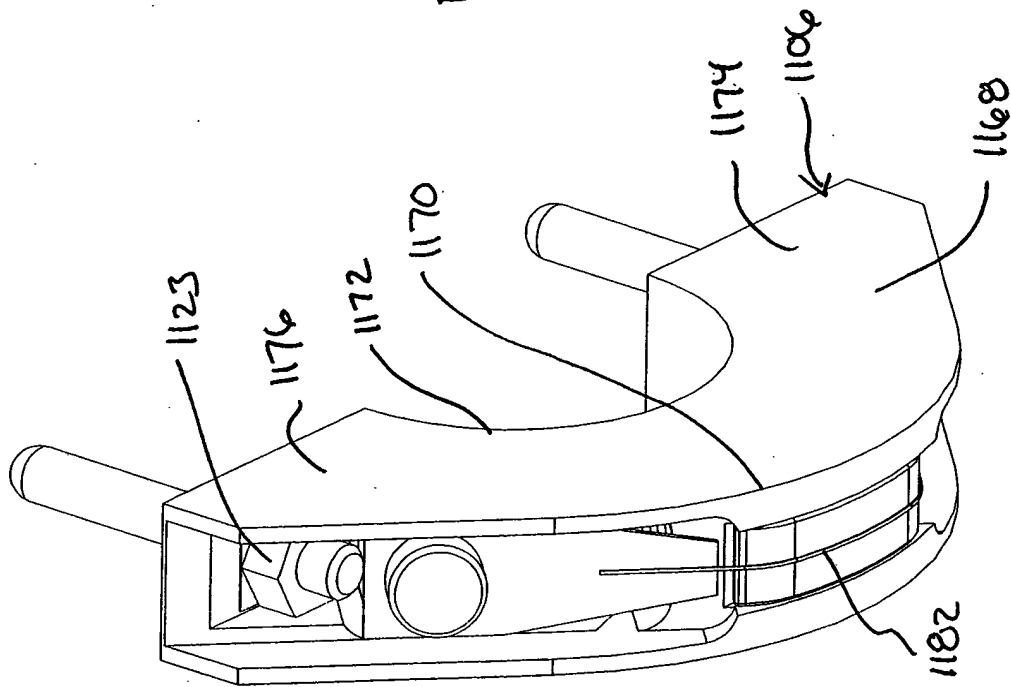


FIG. 157



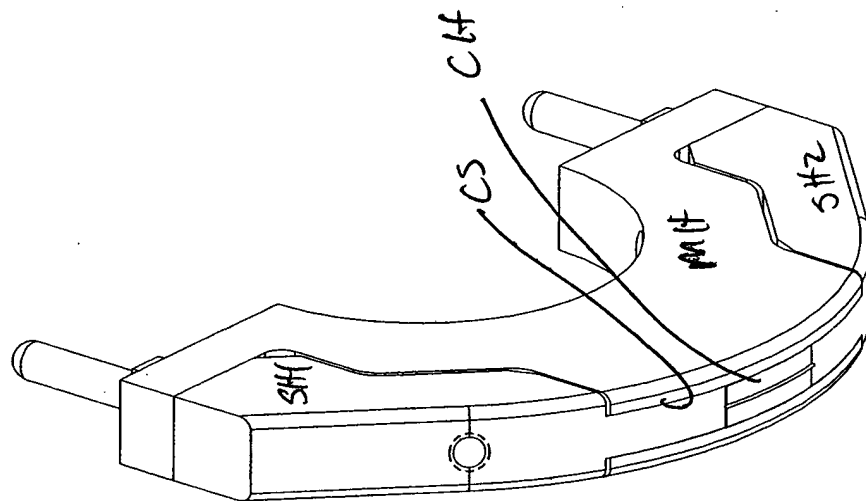
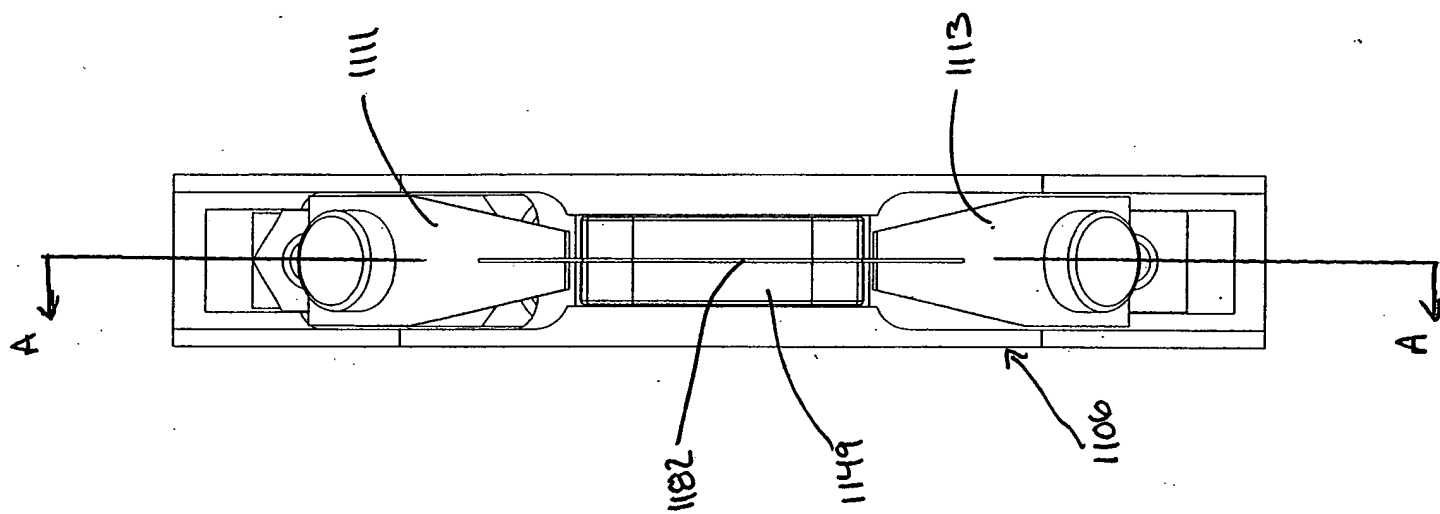


FIG. 157A

FIG. 158



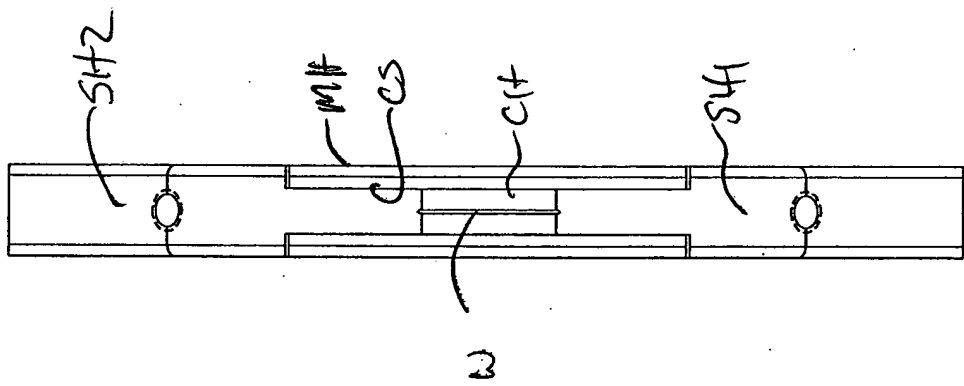
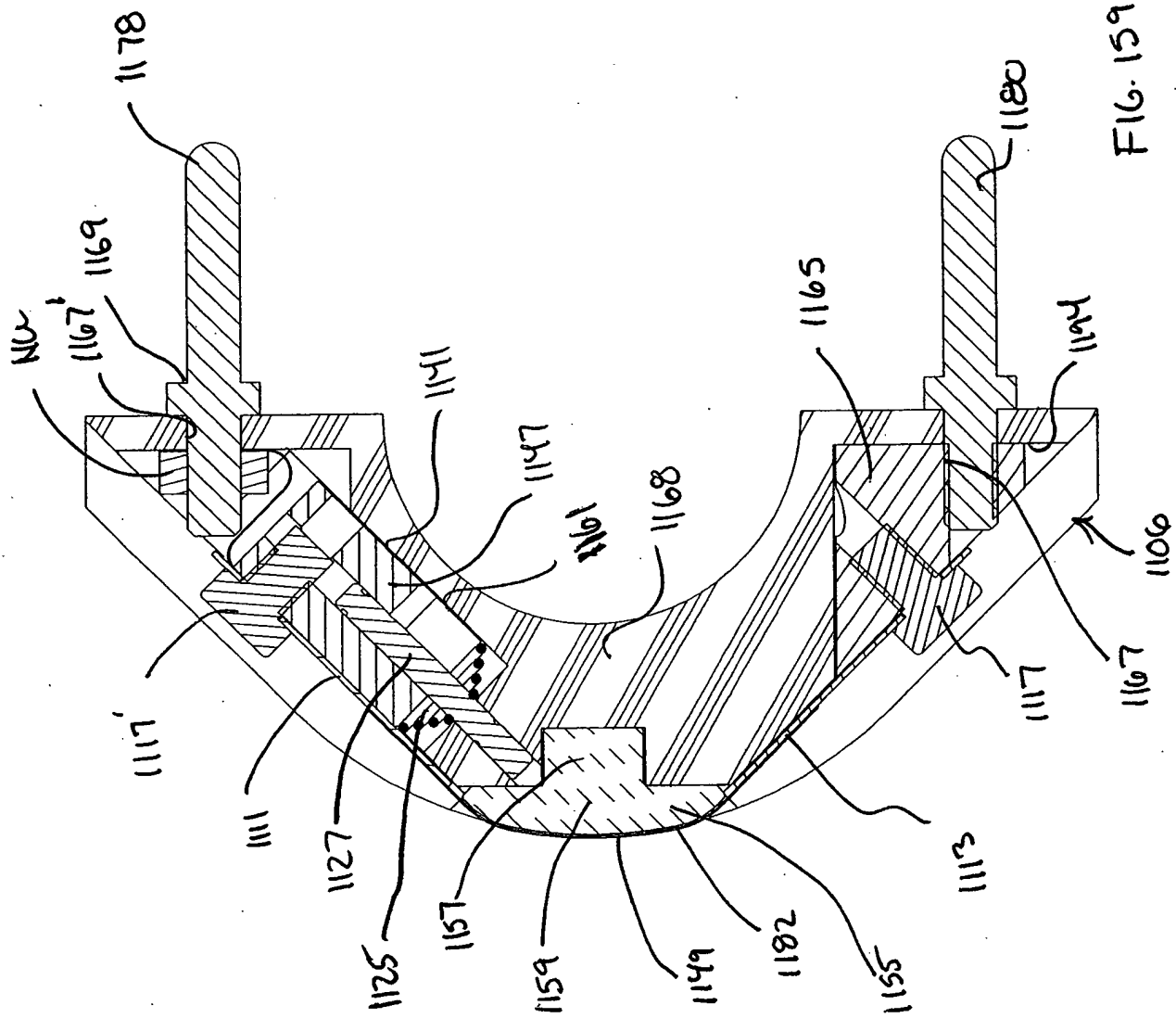


FIG. 158A



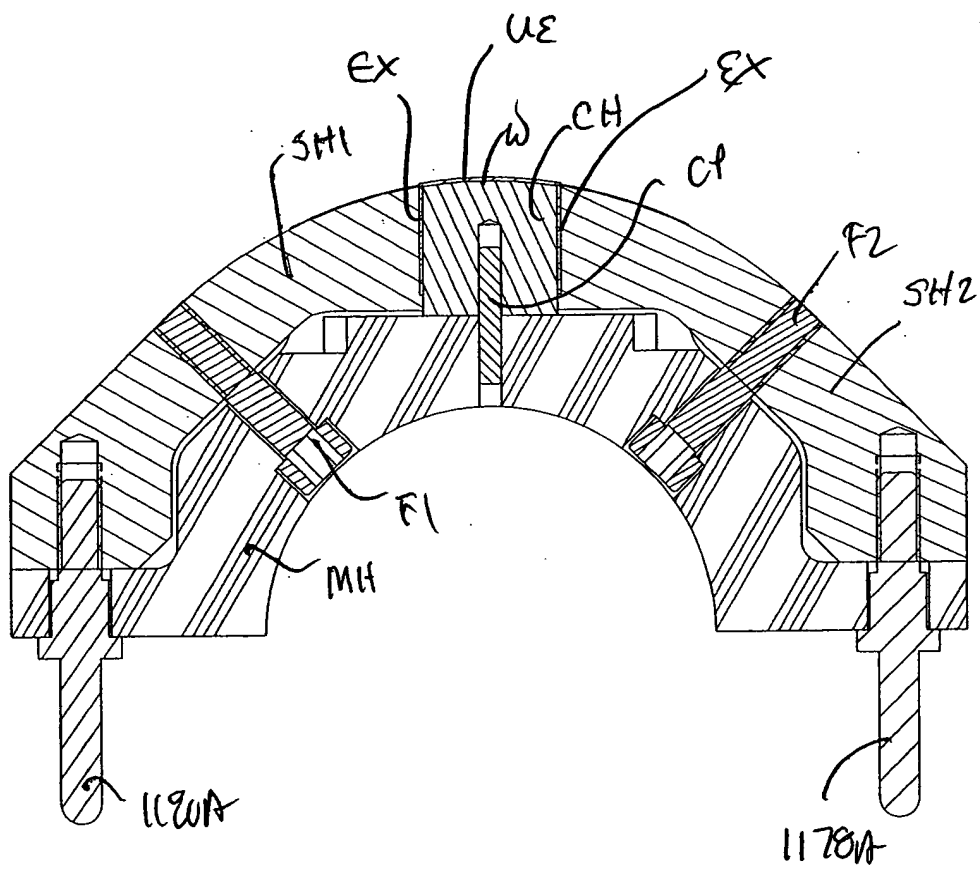


FIG-159A

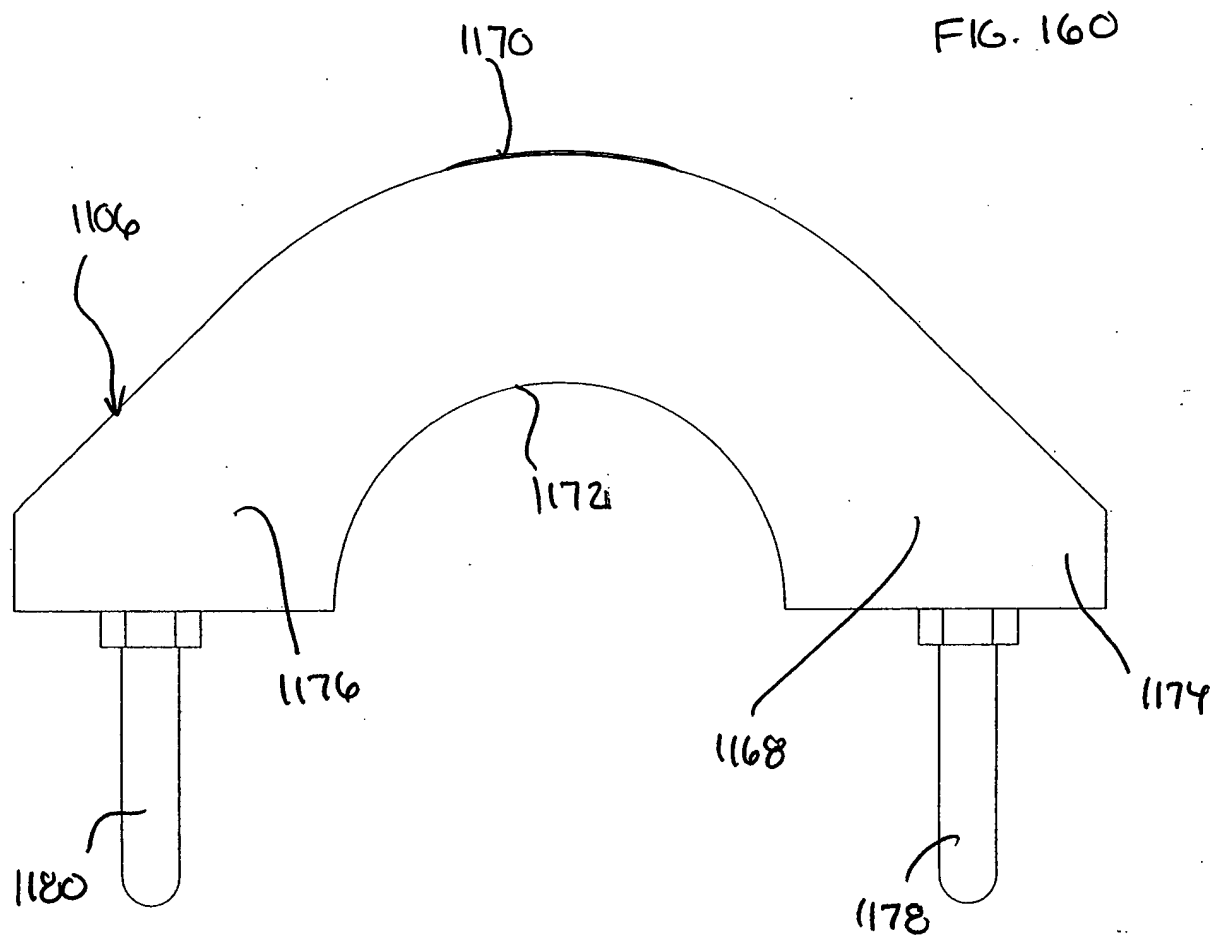
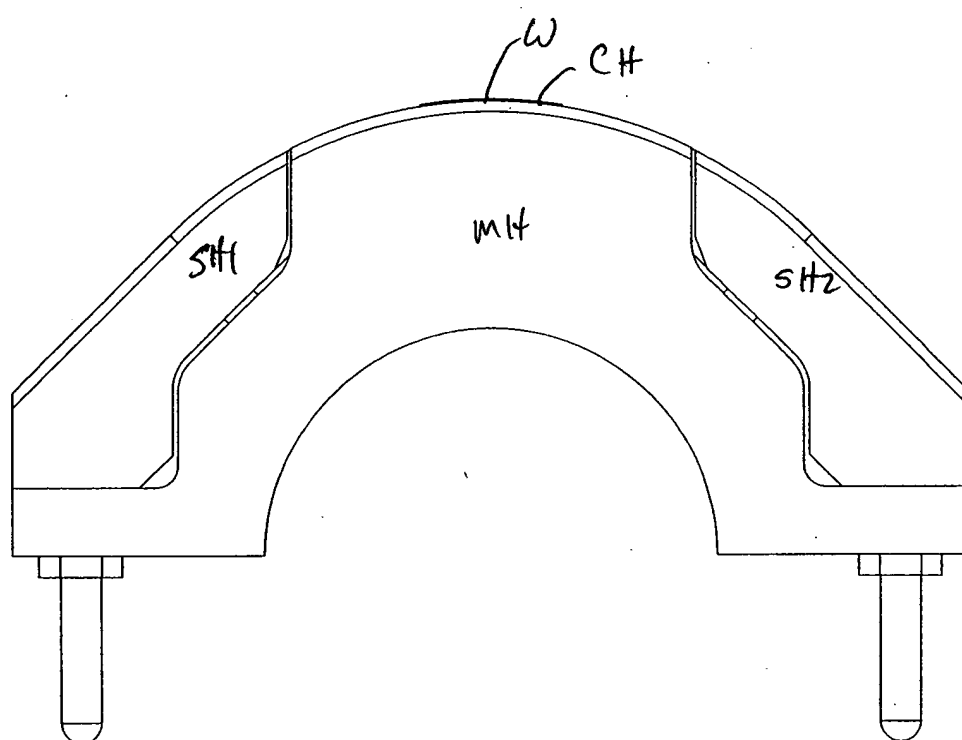


FIG. 160A



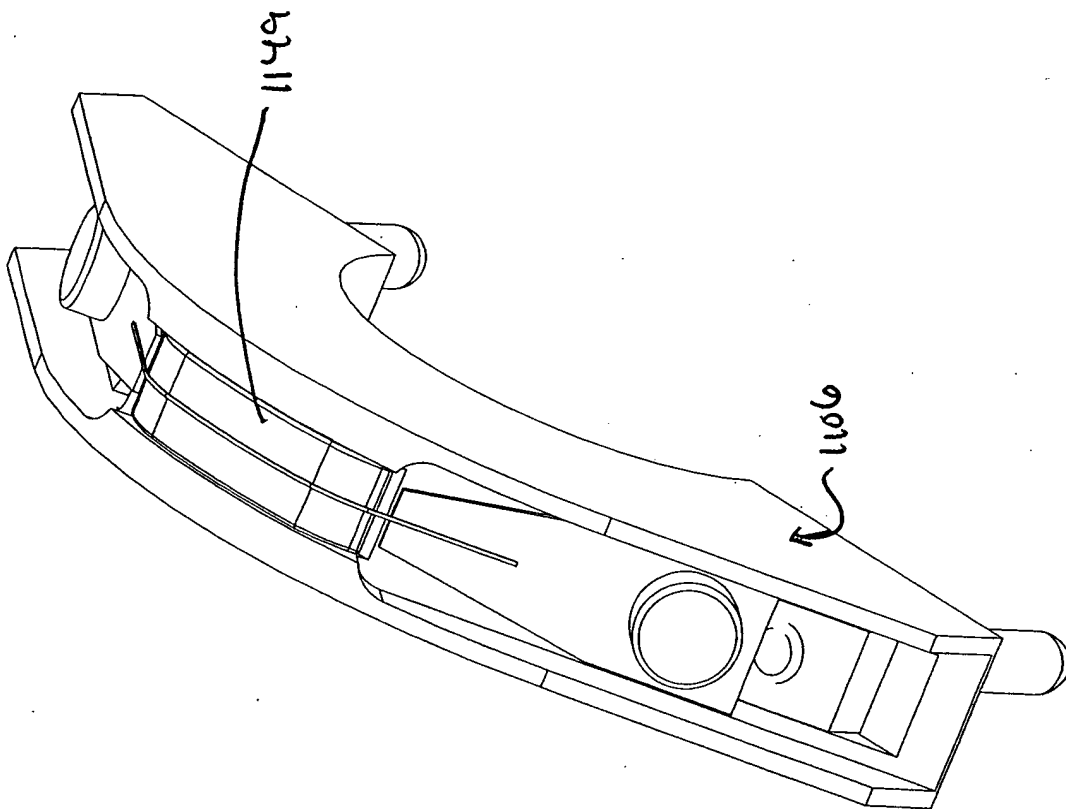


FIG. 161

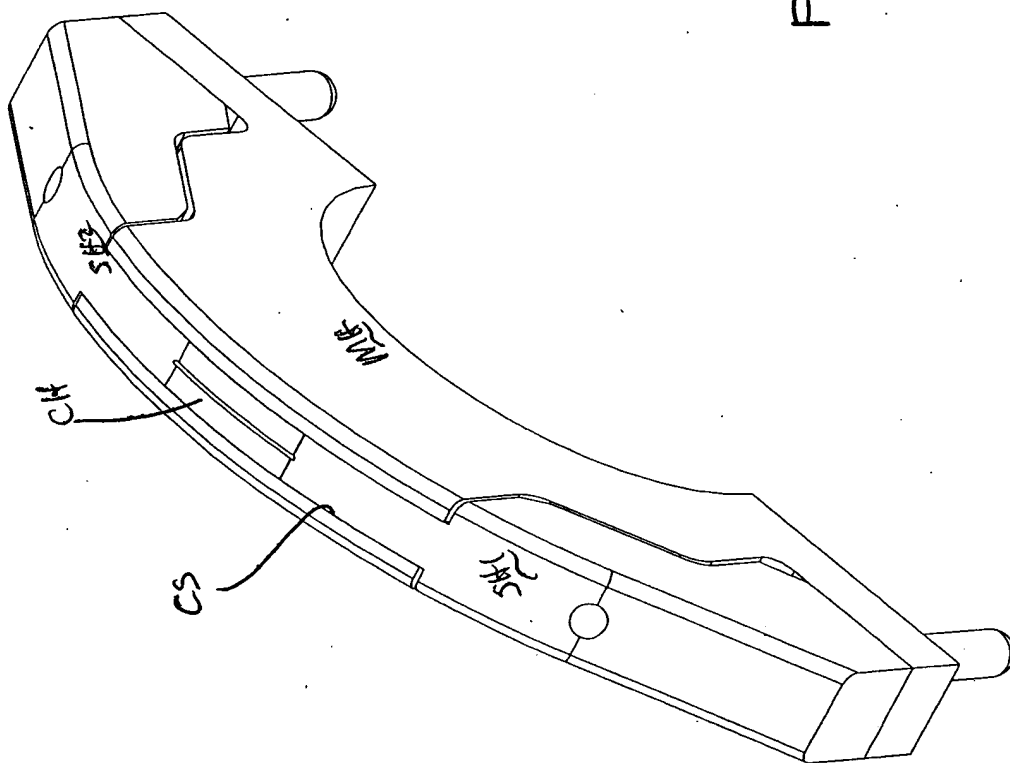


FIG. 161A

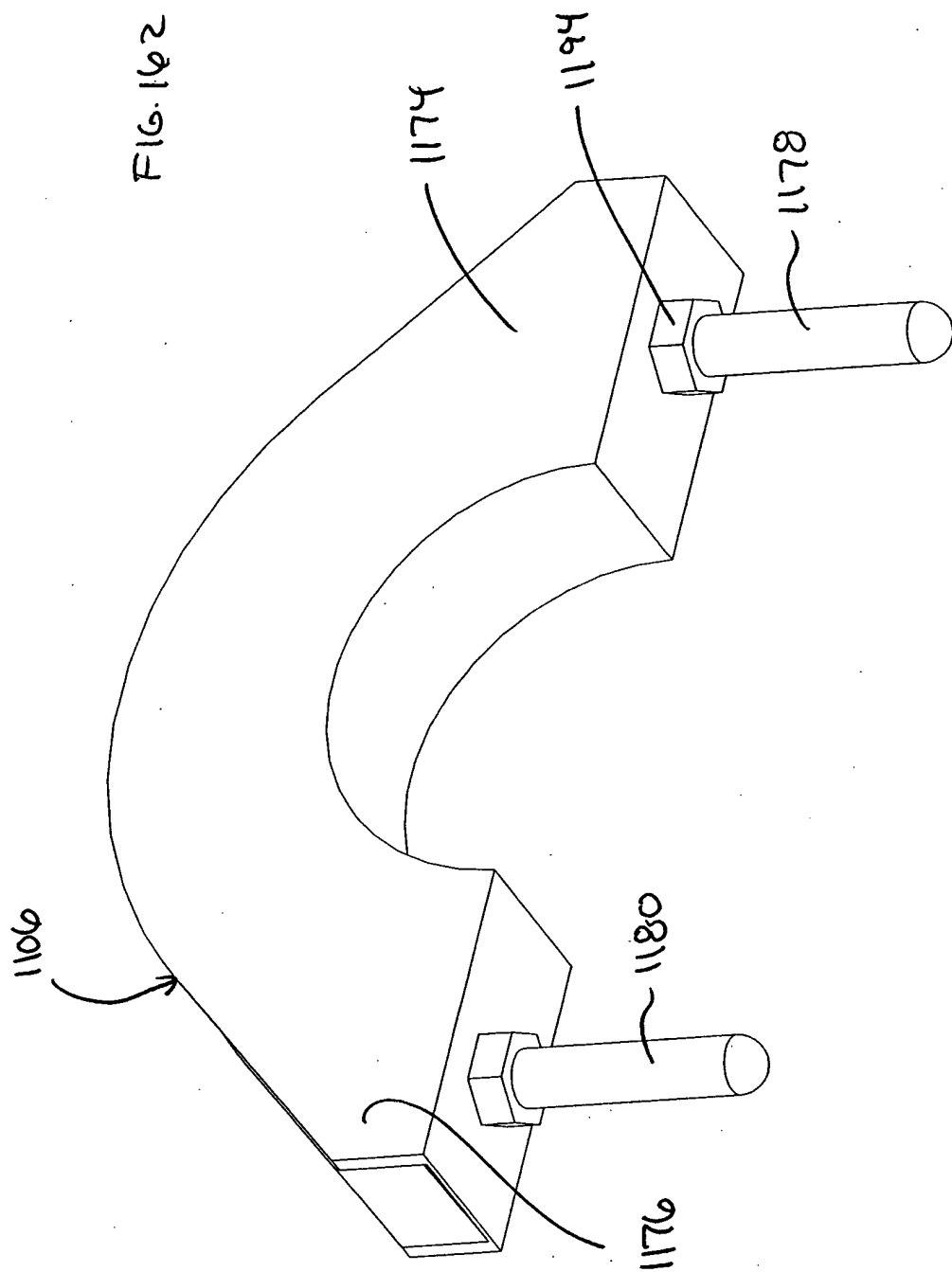
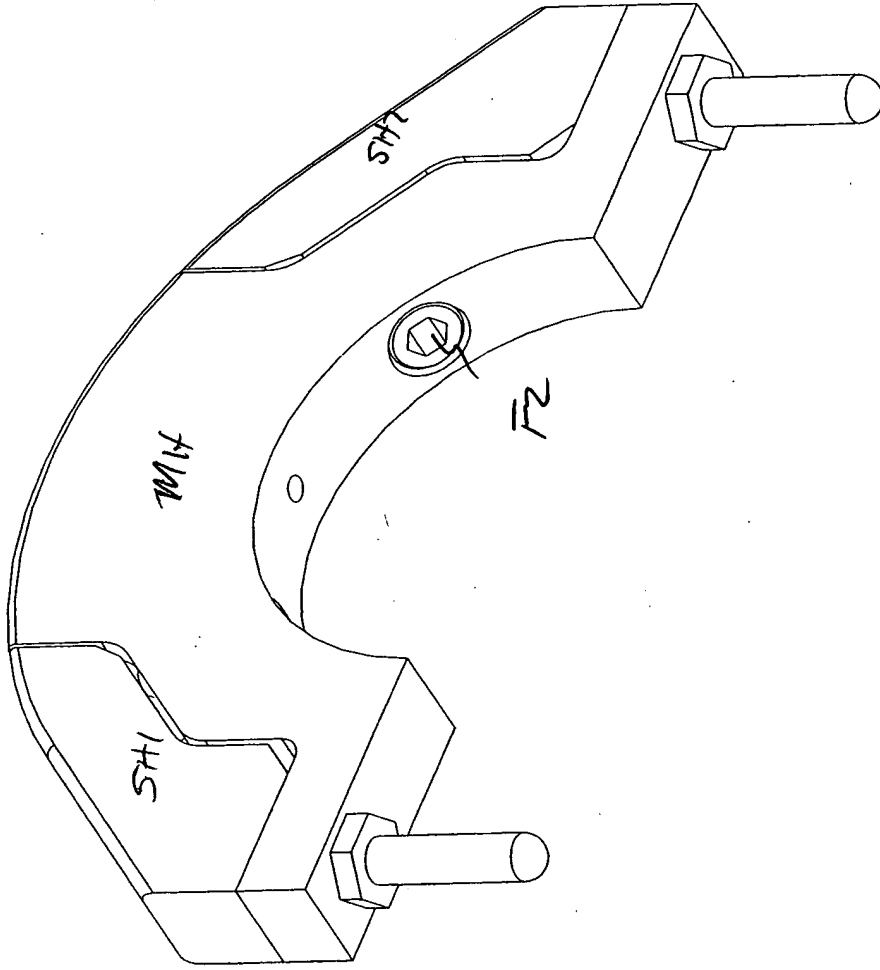
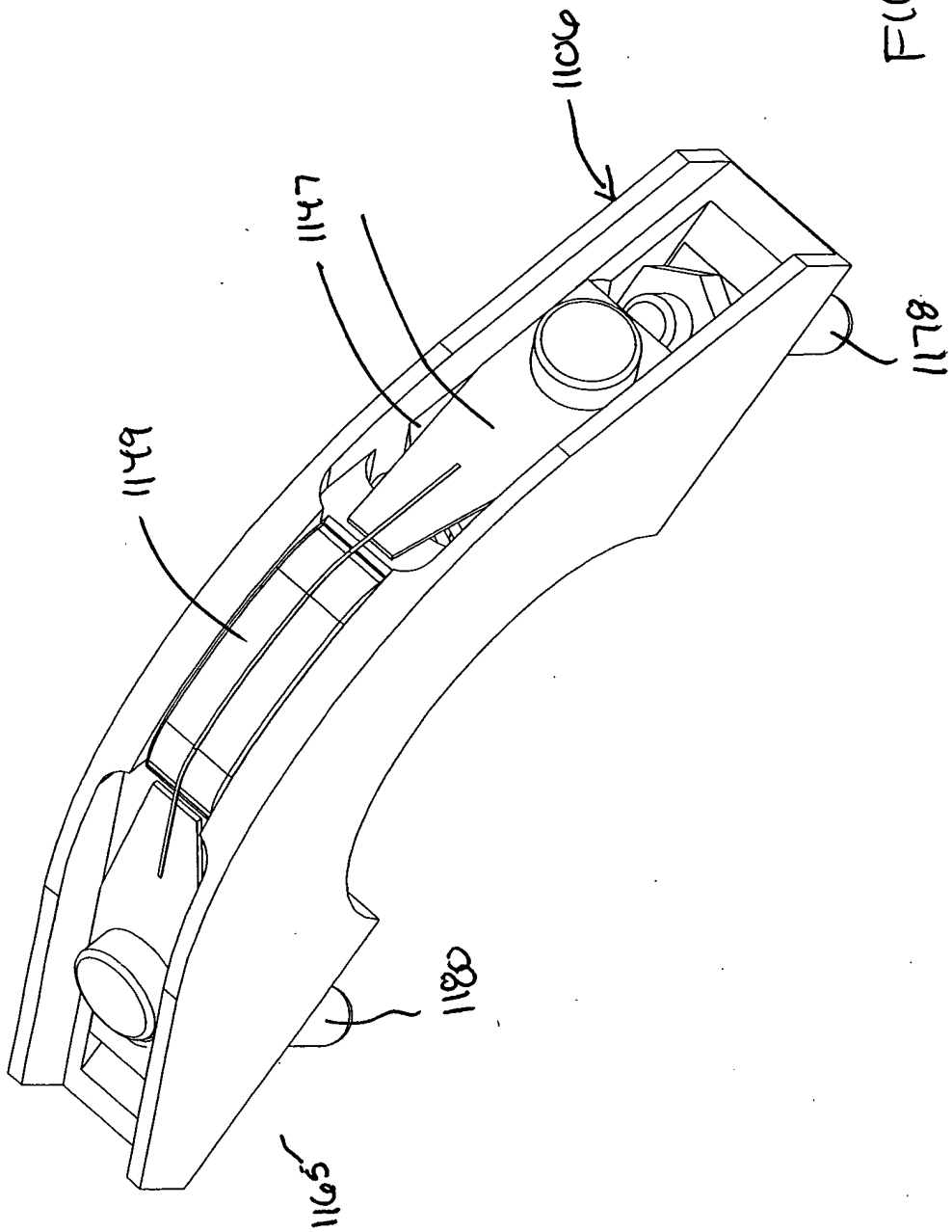


FIG. 162A





F(6-163

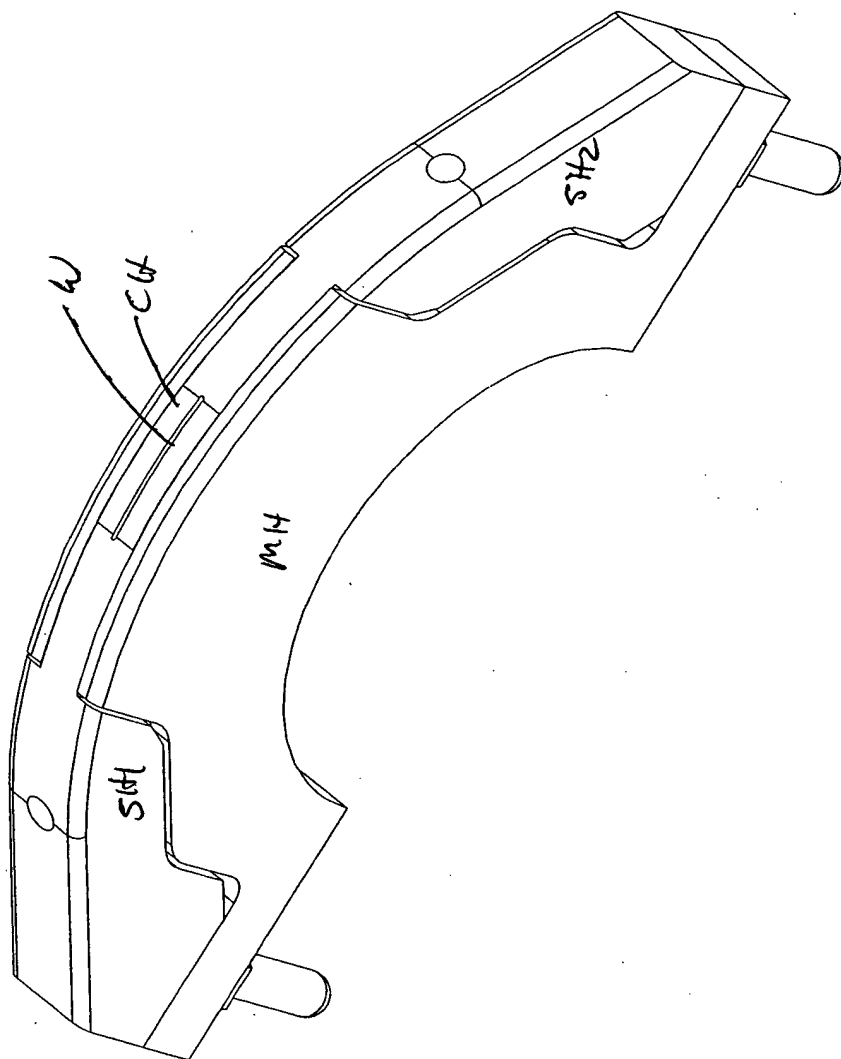


FIG. 163A

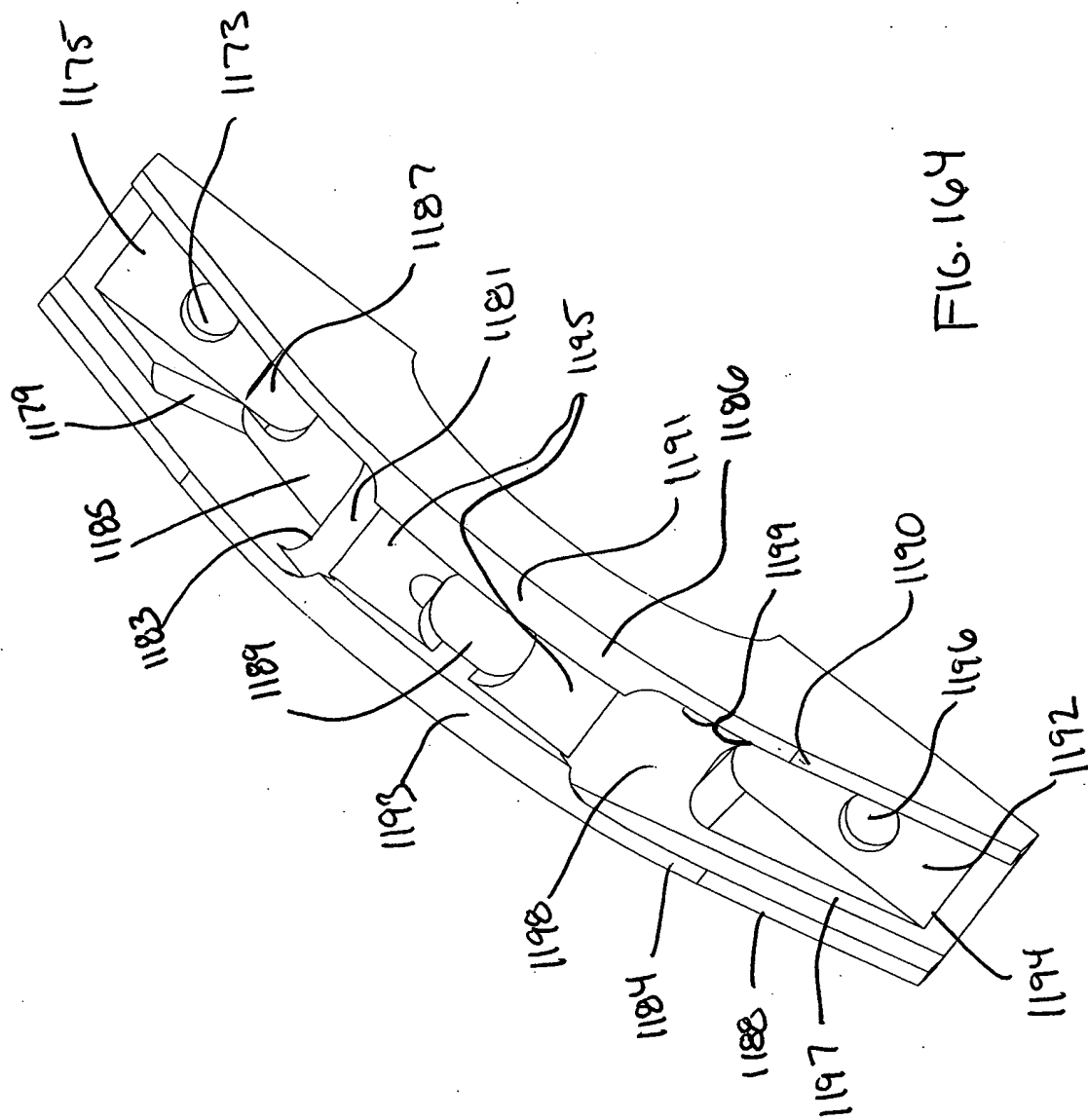


FIG. 164

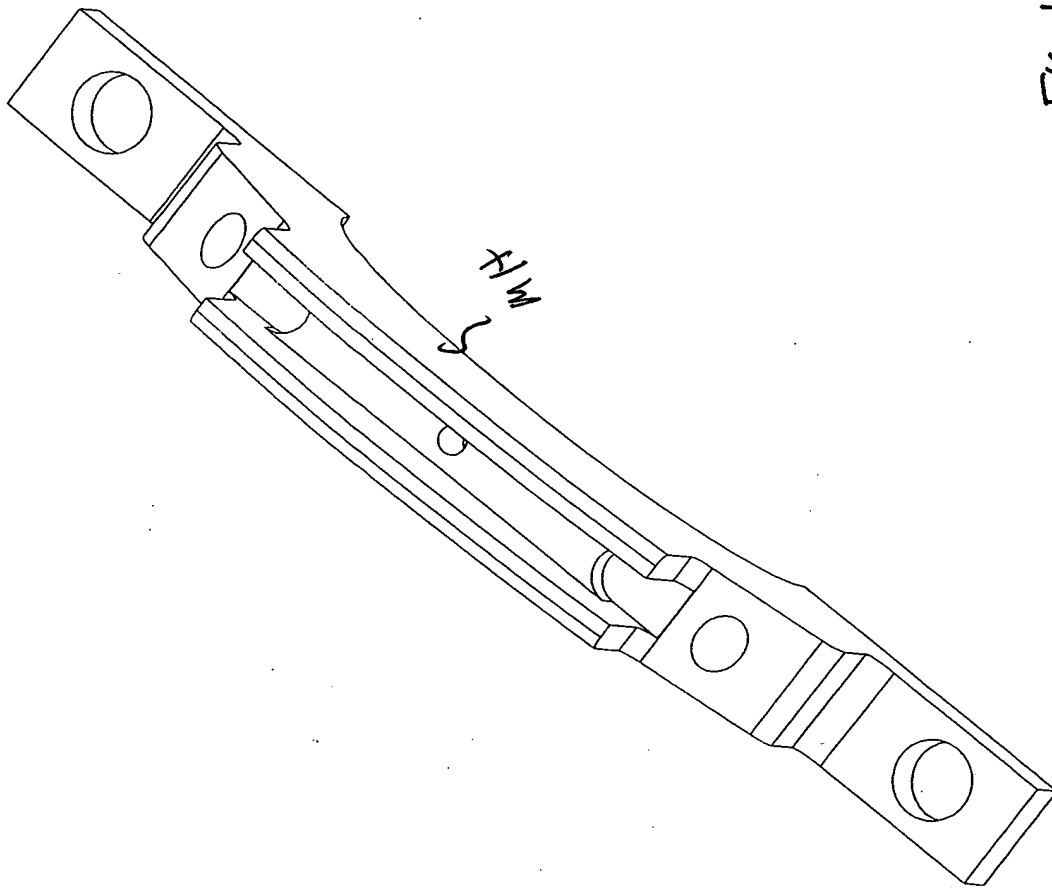


FIG. 164A

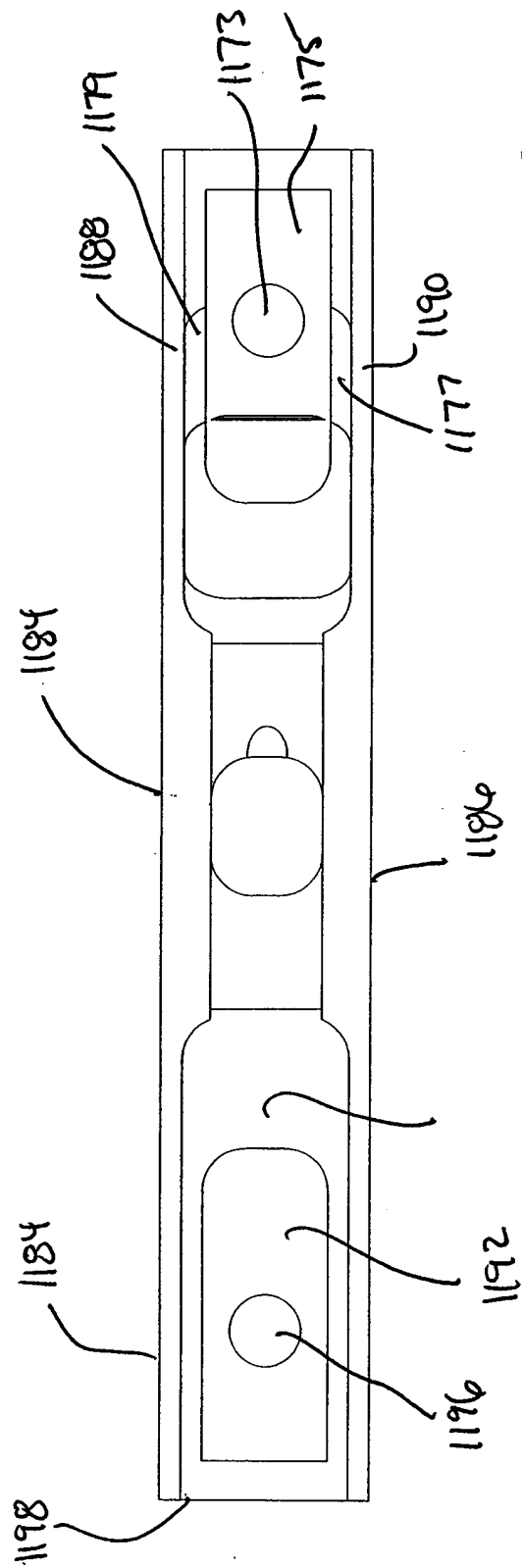


FIG. 165

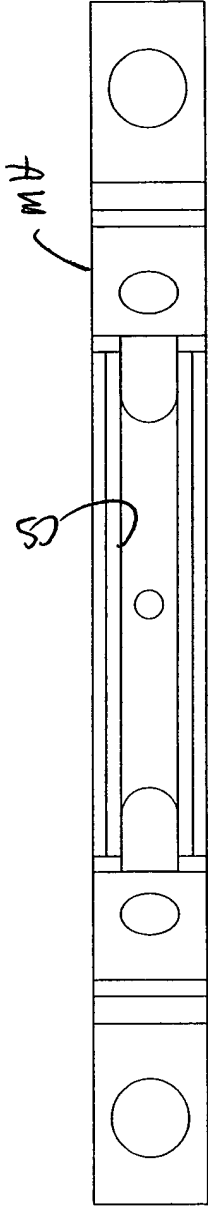


FIG. 165A

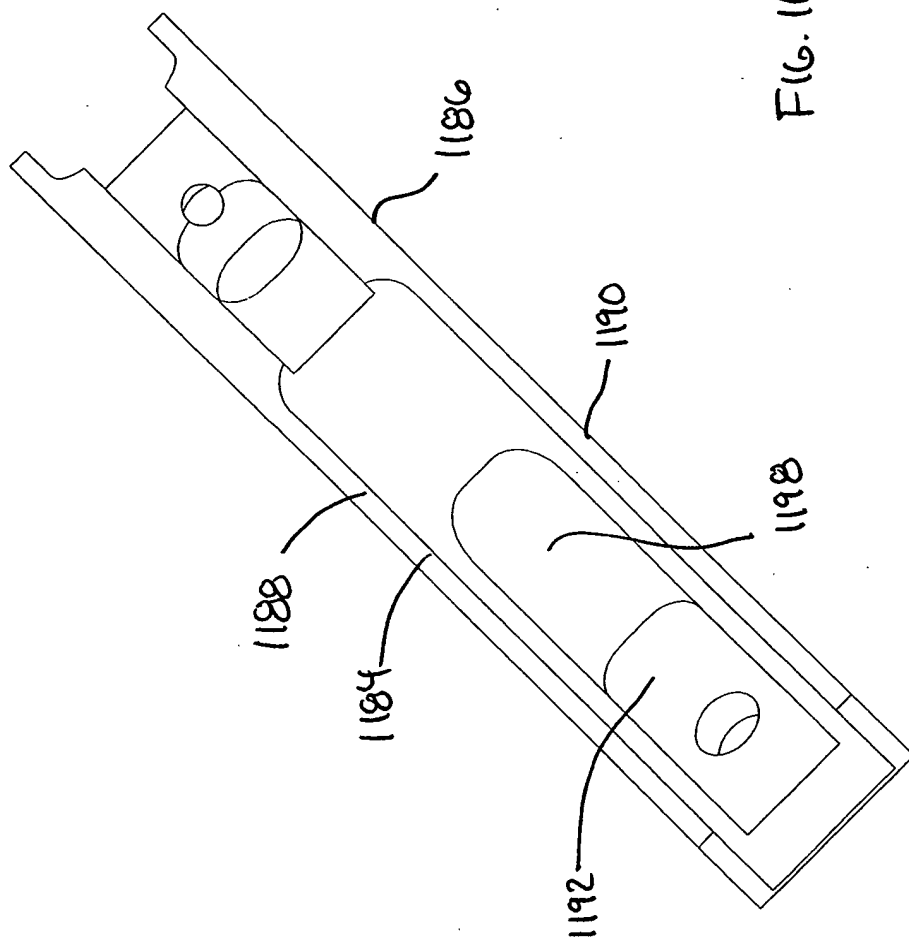


FIG. 166

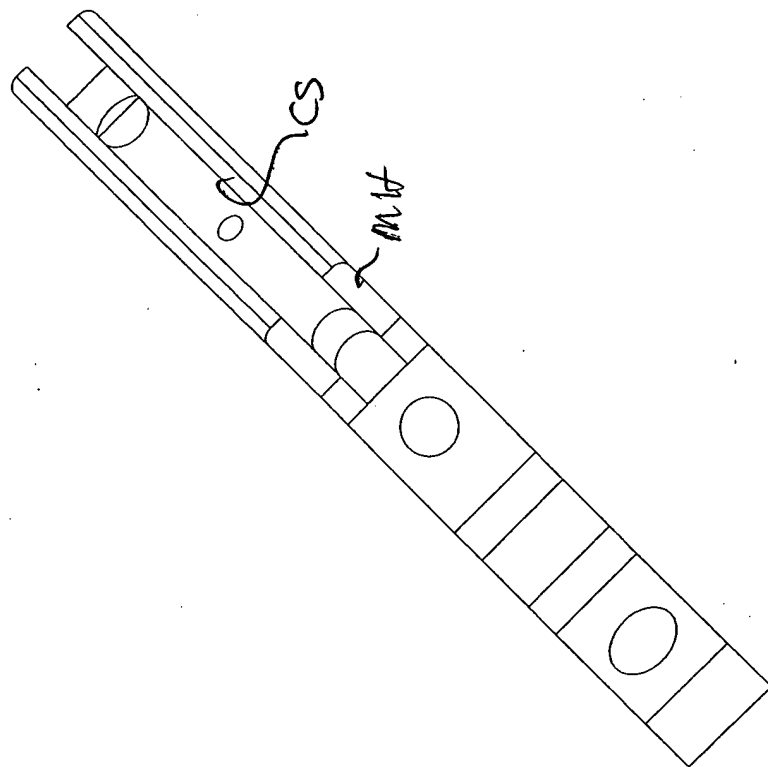


FIG. 166A

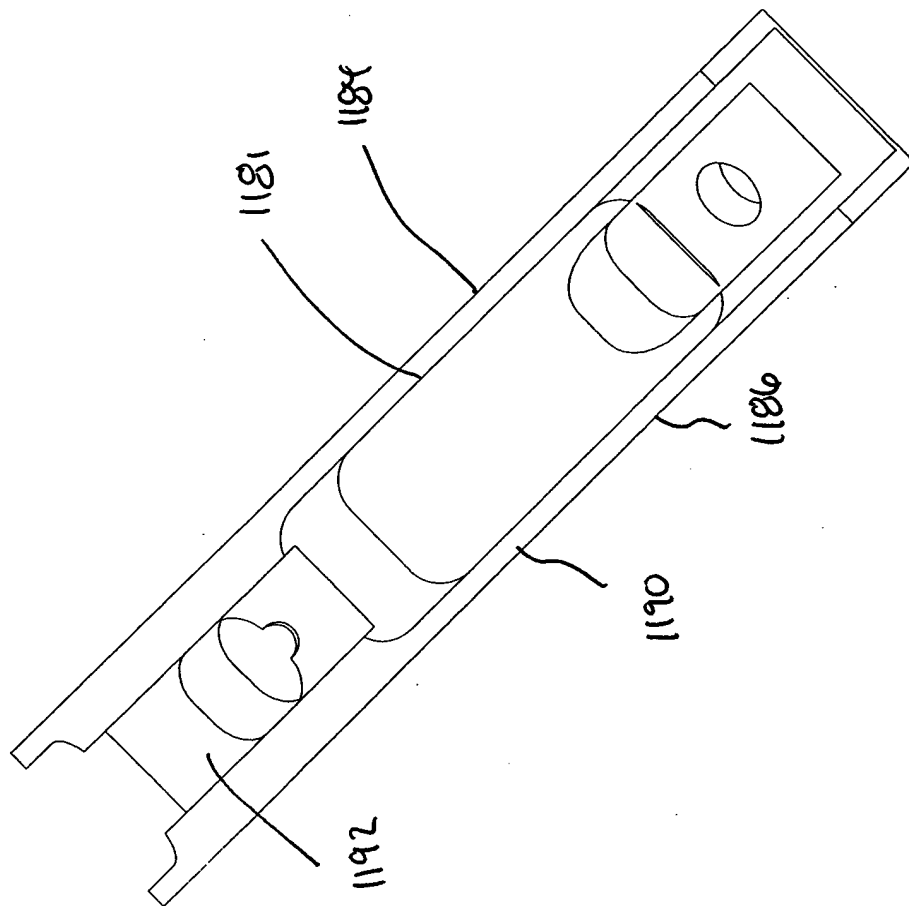


FIG. 167

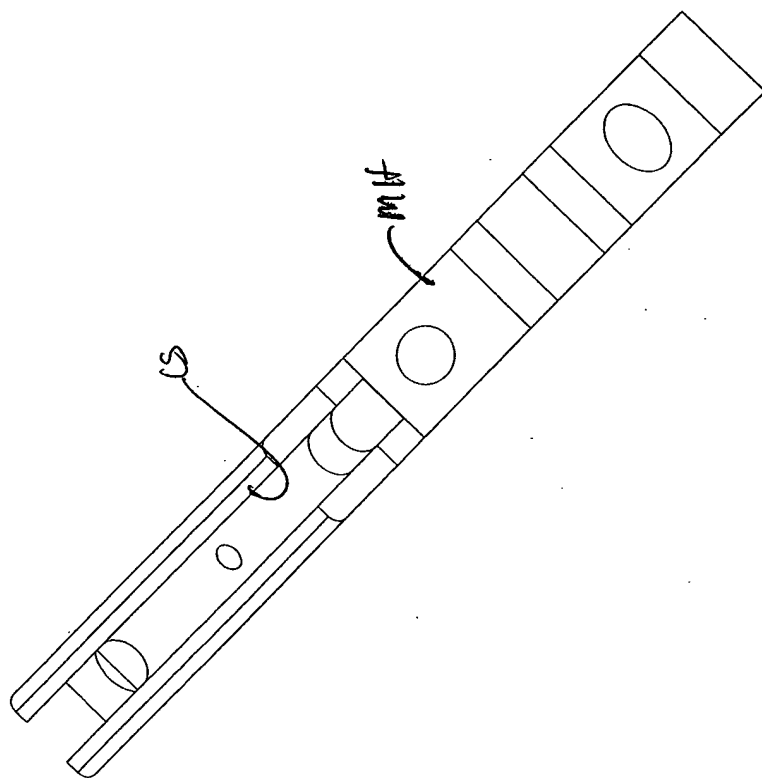


FIG. 16ZV

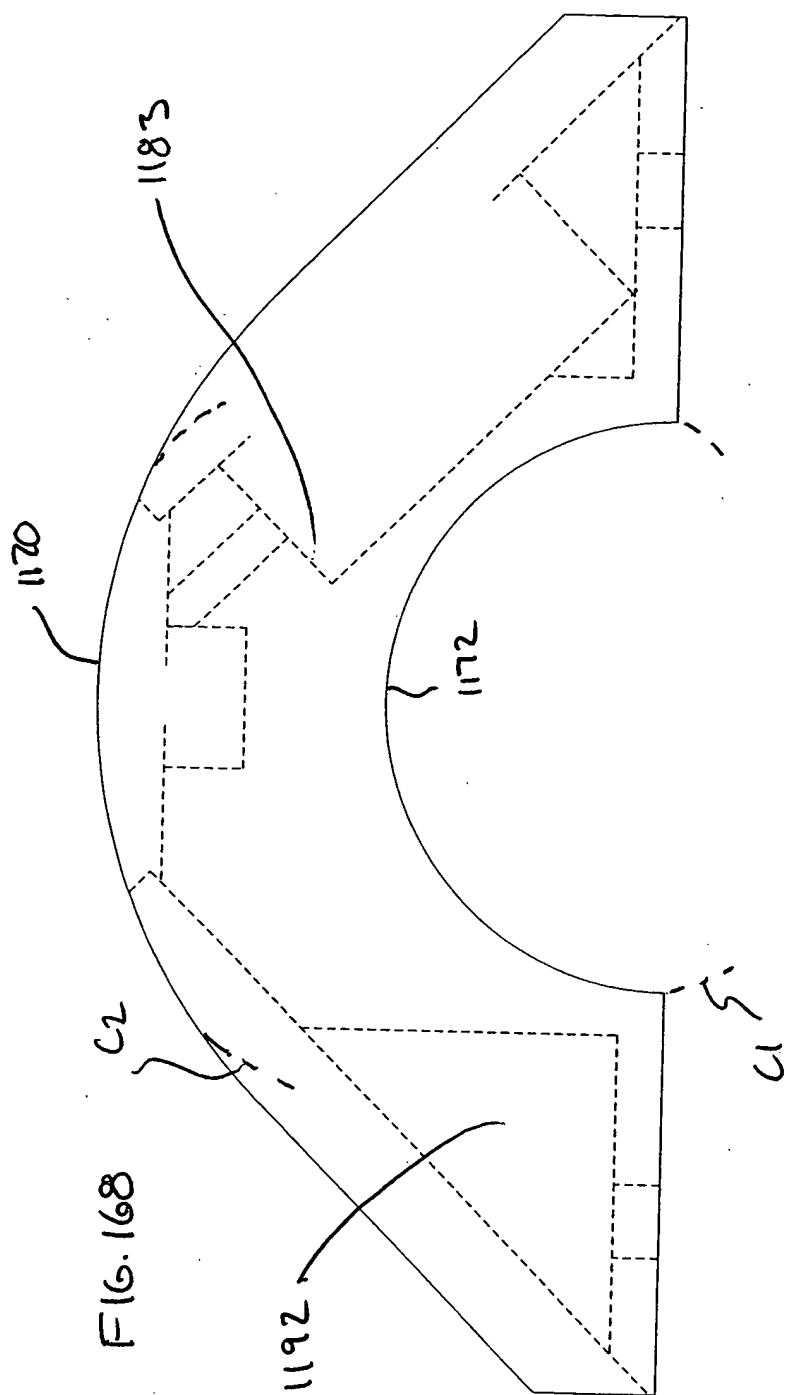


FIG. 168

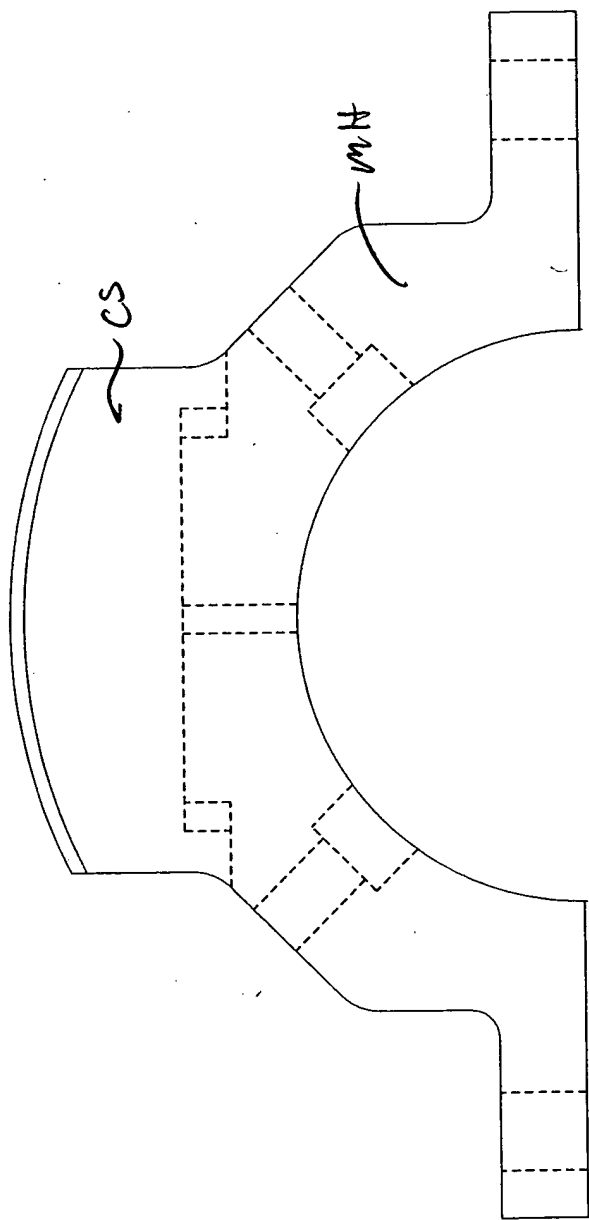


FIG. 1684

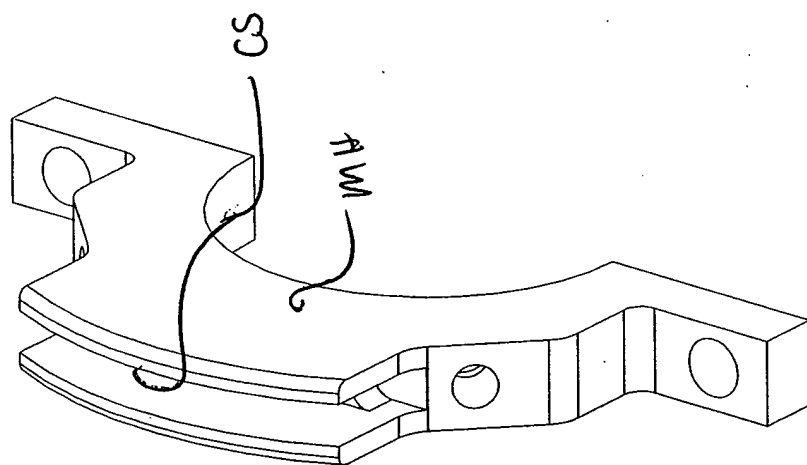
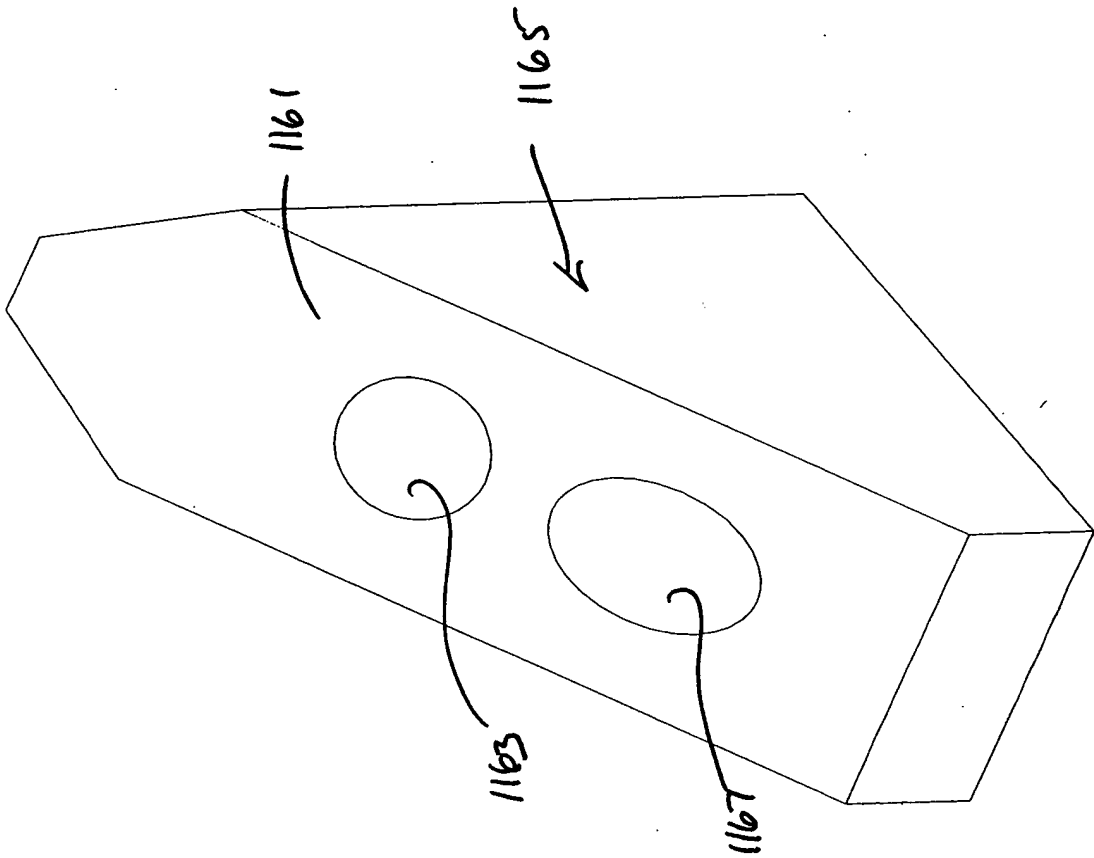


FIG. 169A

FIG. 170



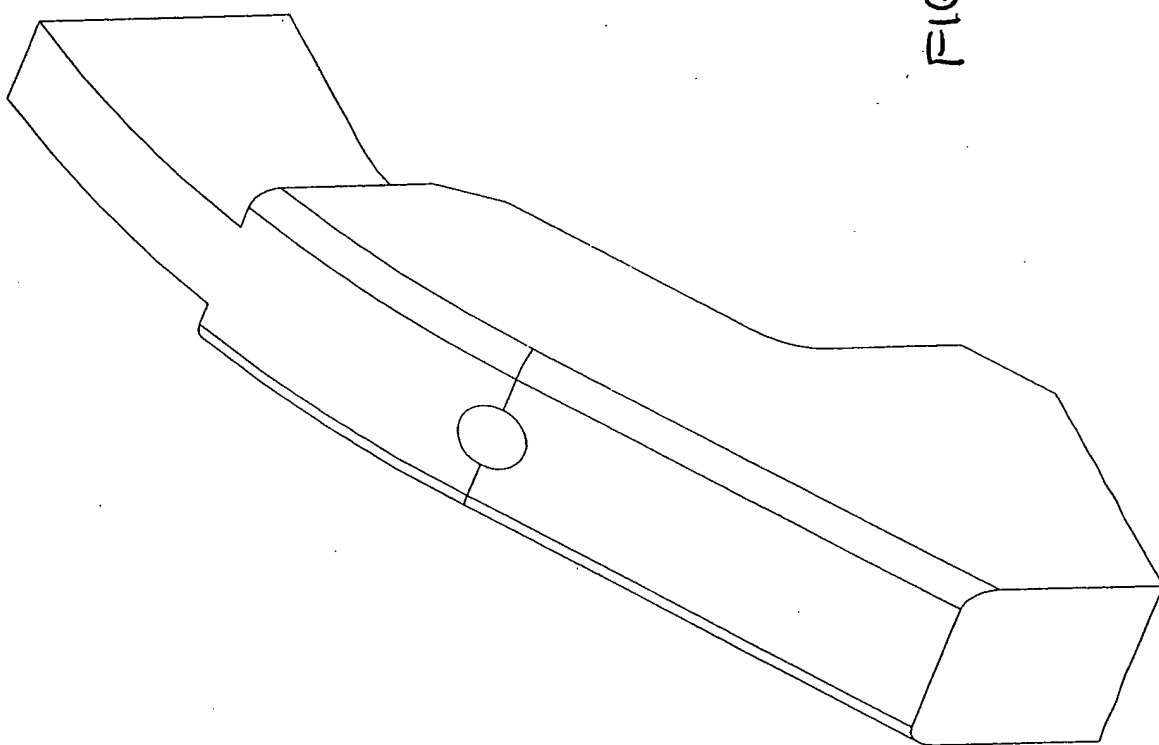


FIG. 170A

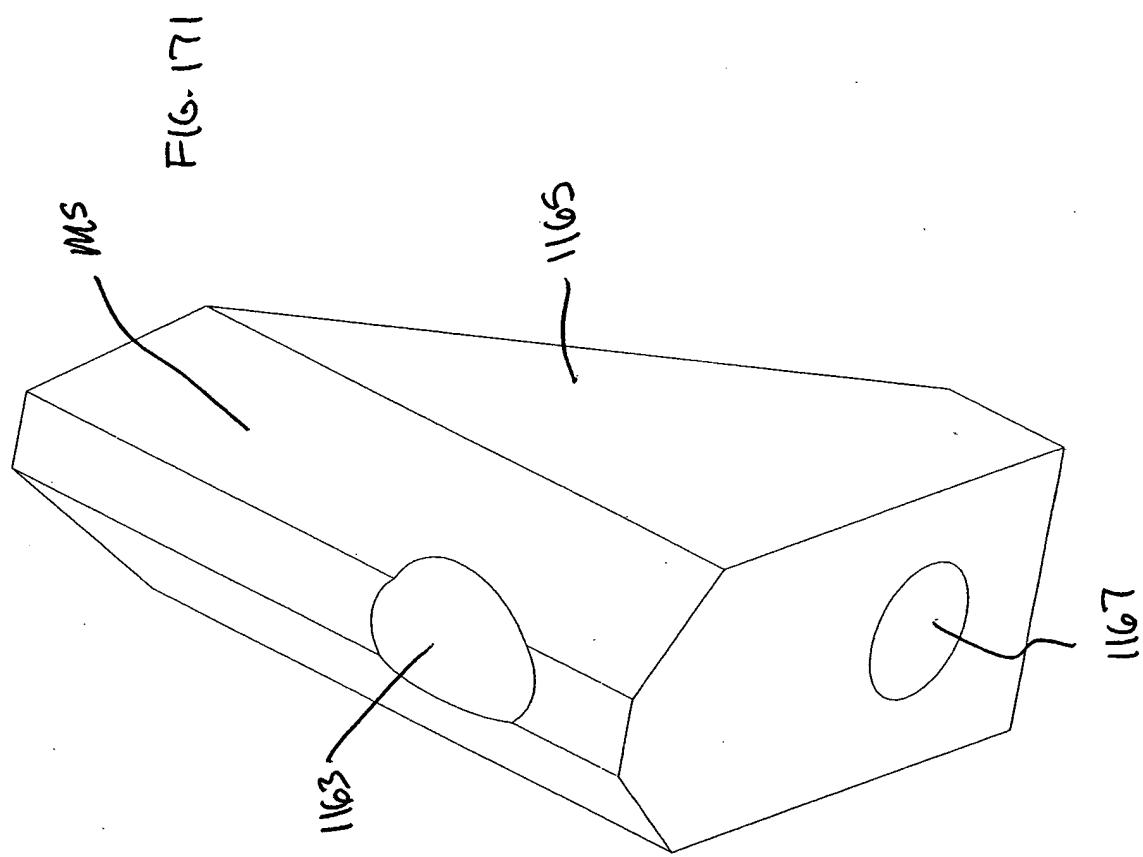
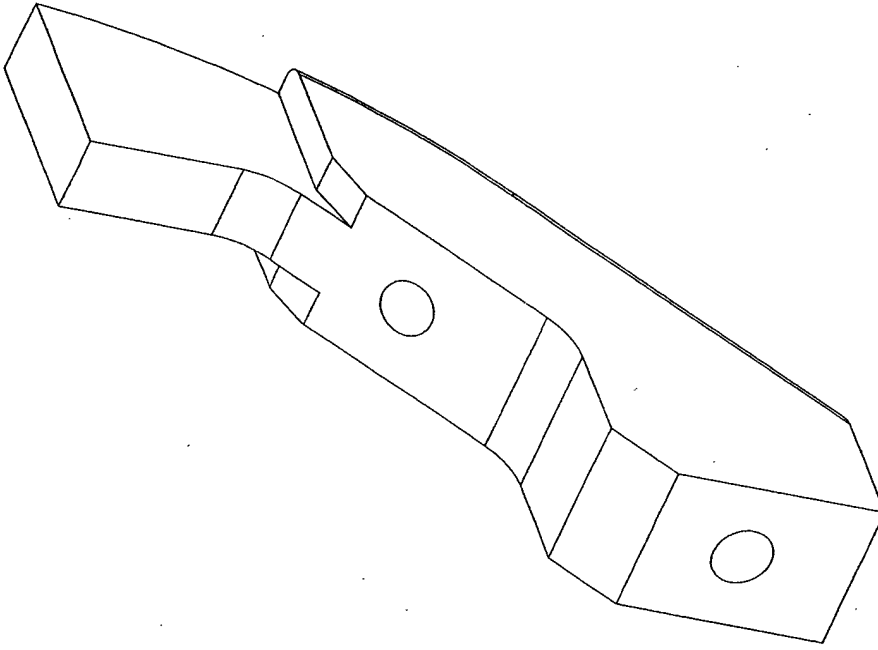


FIG. 171A



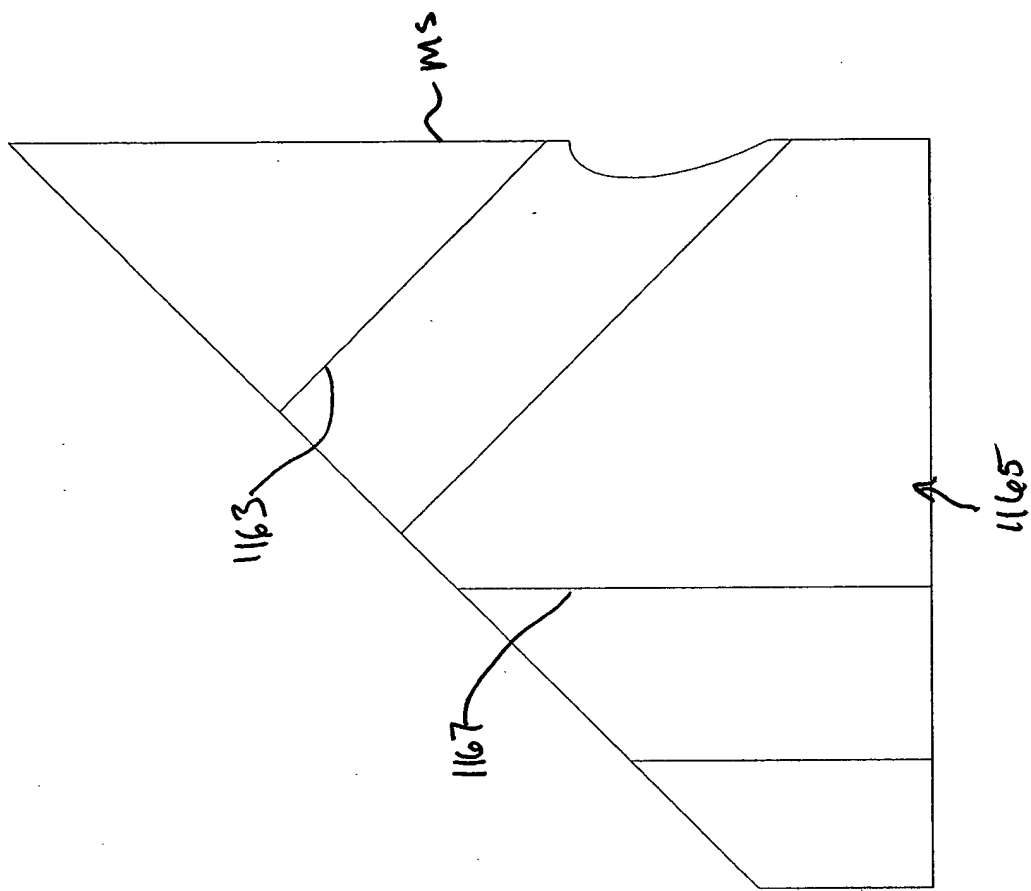


FIG. 172

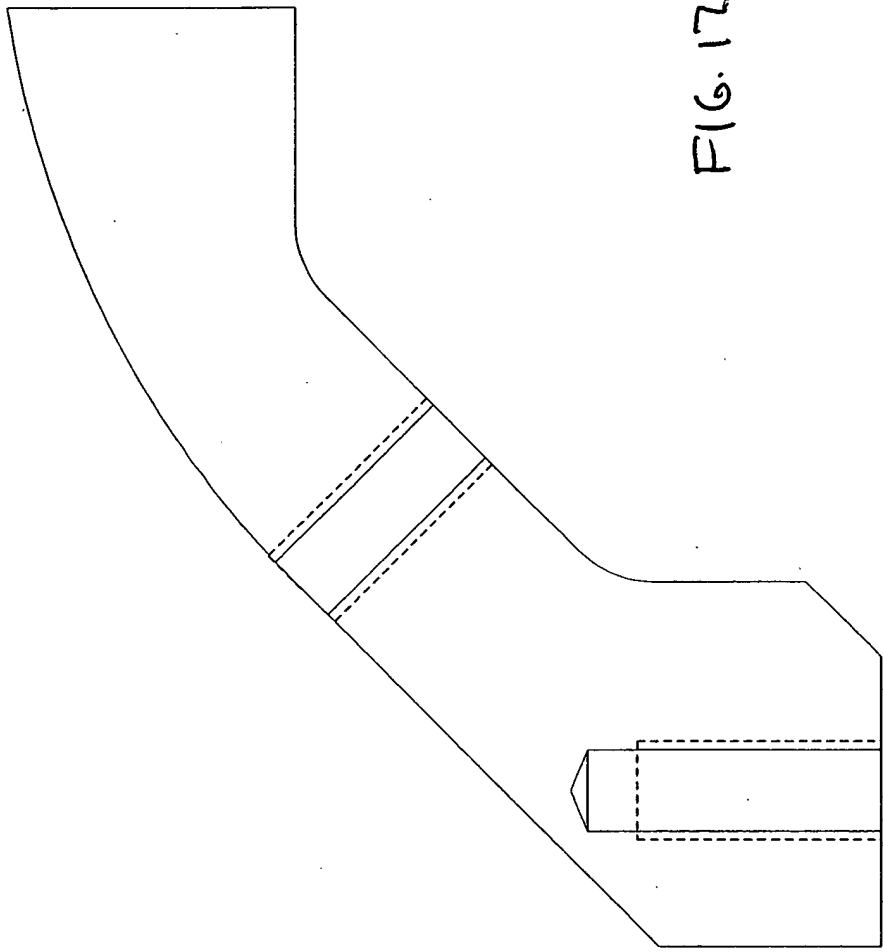


FIG. 172A

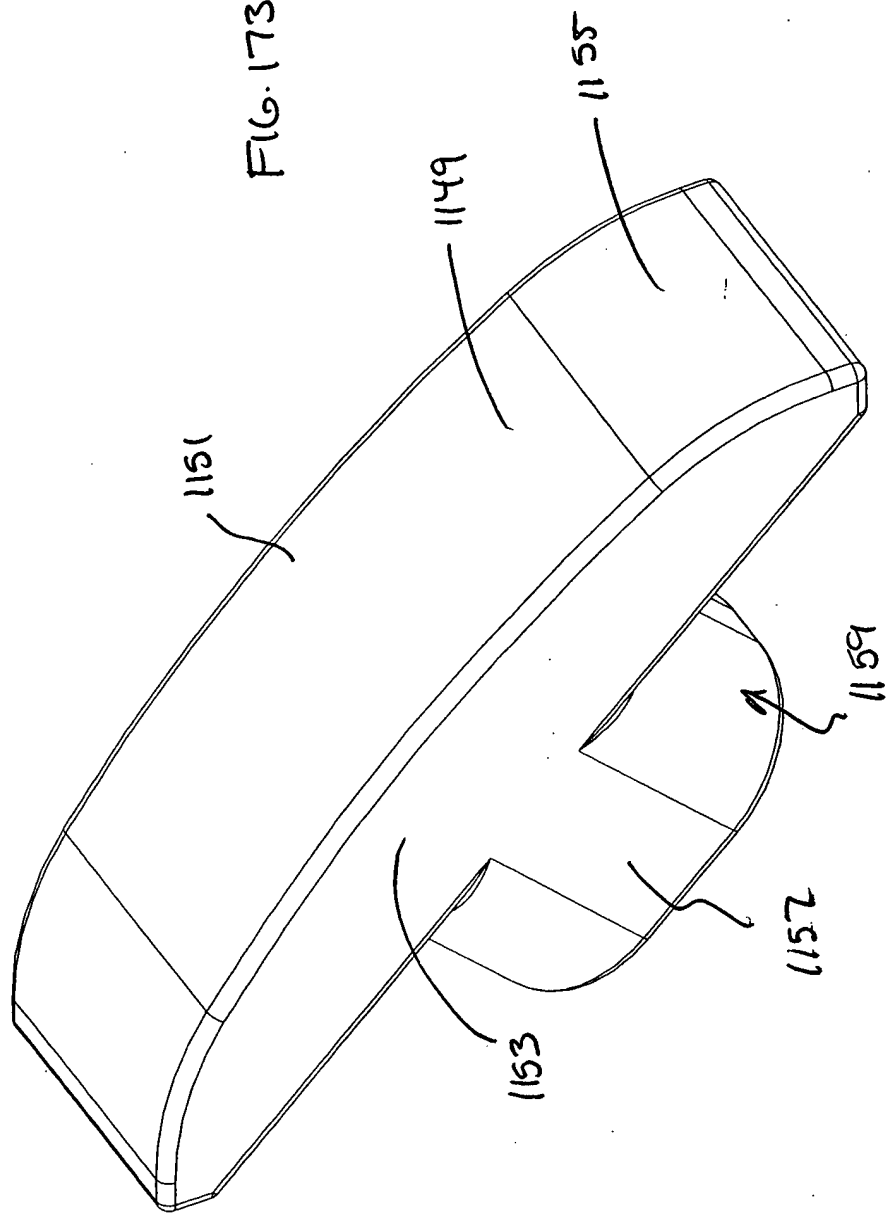


FIG. 173A

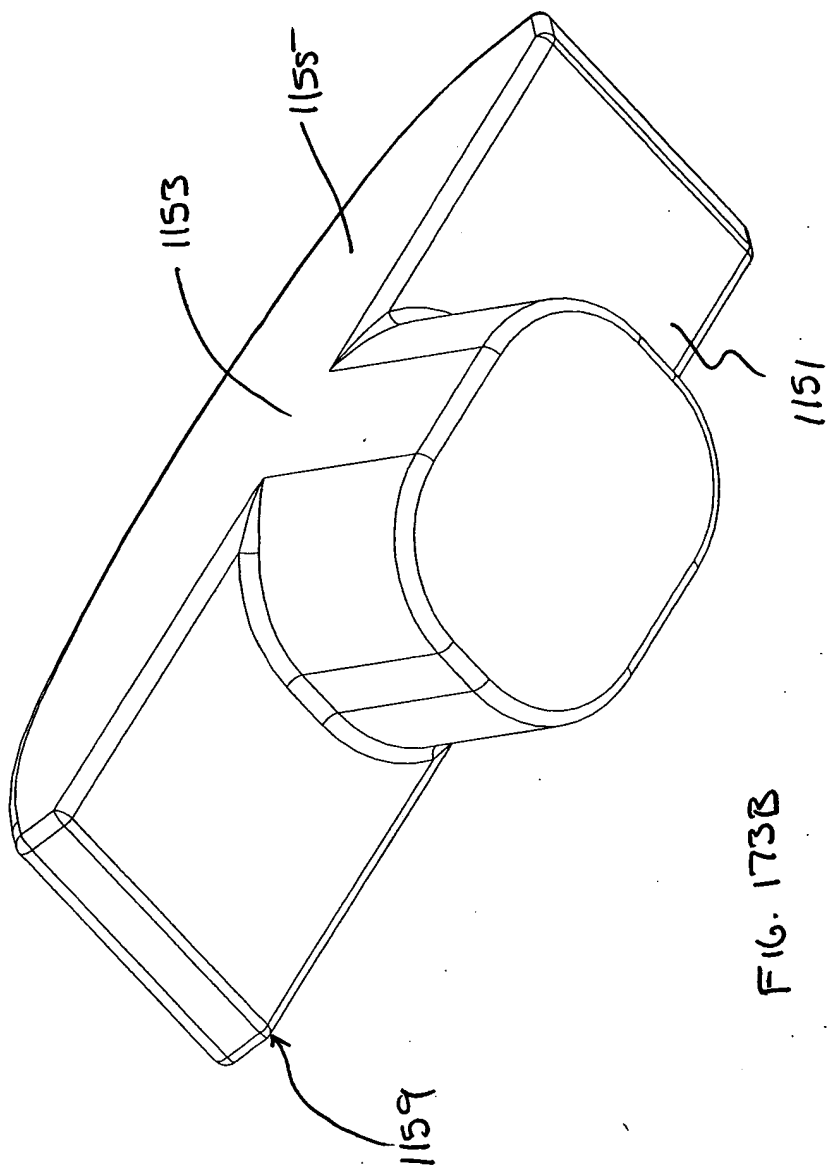


FIG. 173B

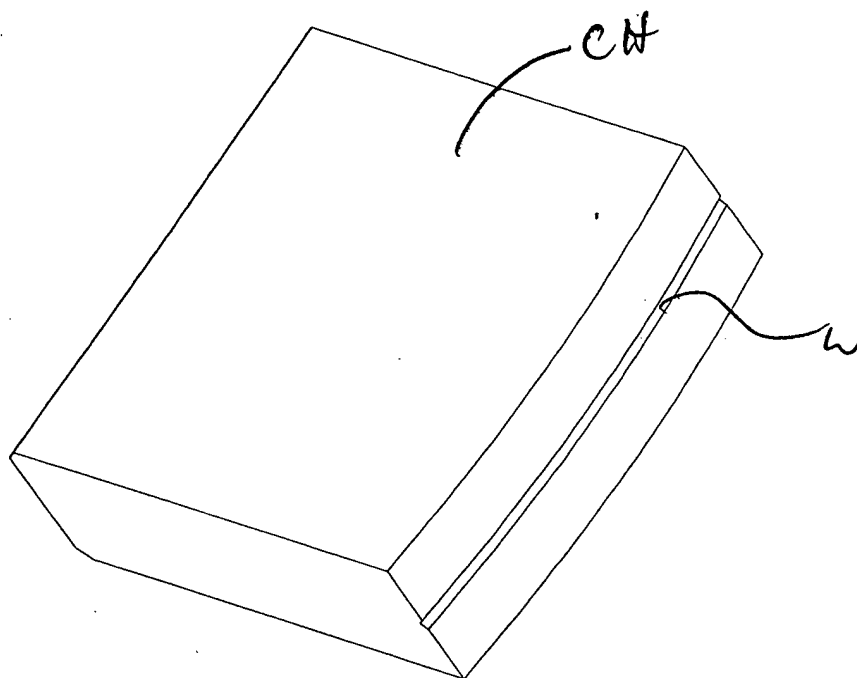


FIG. 173C

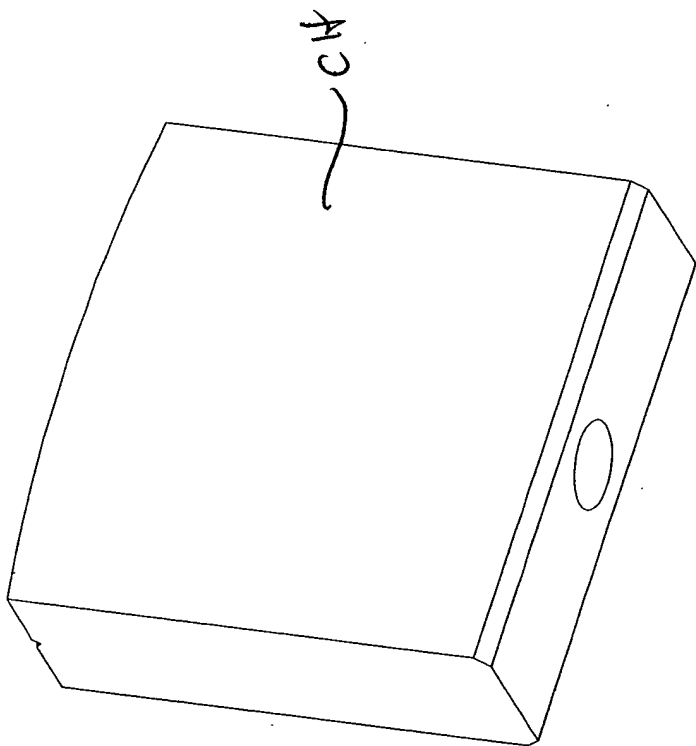
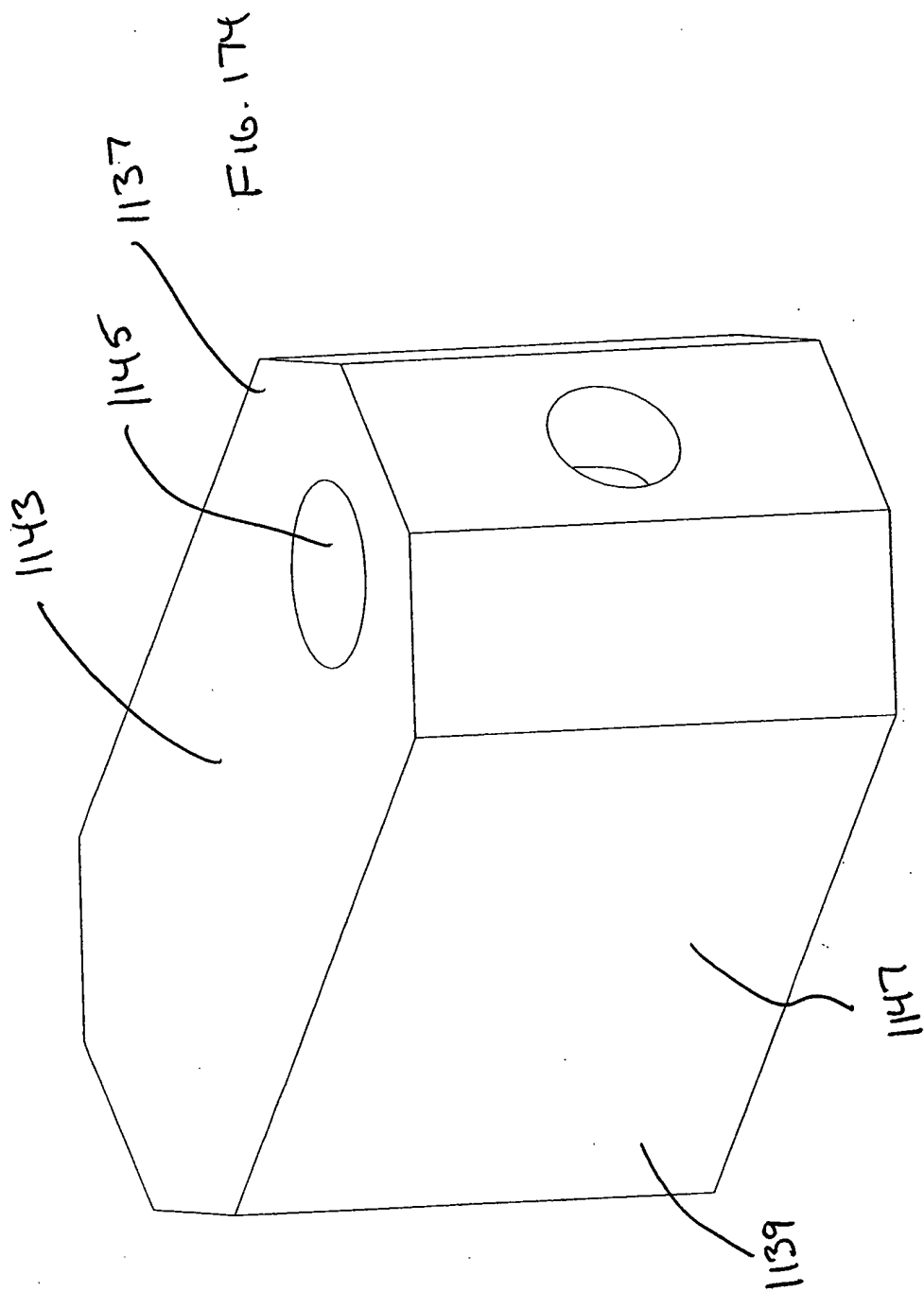


FIG. 173D



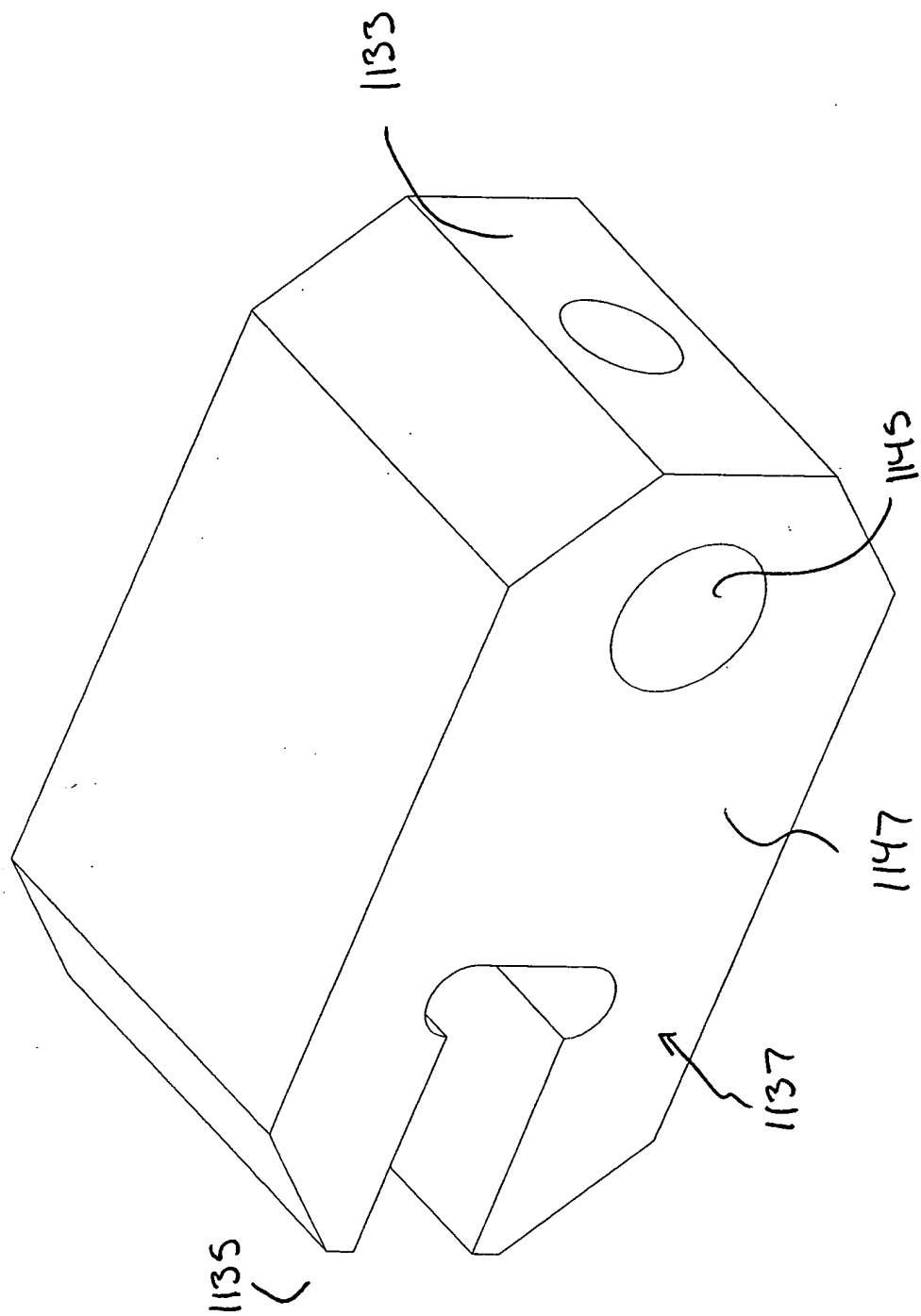
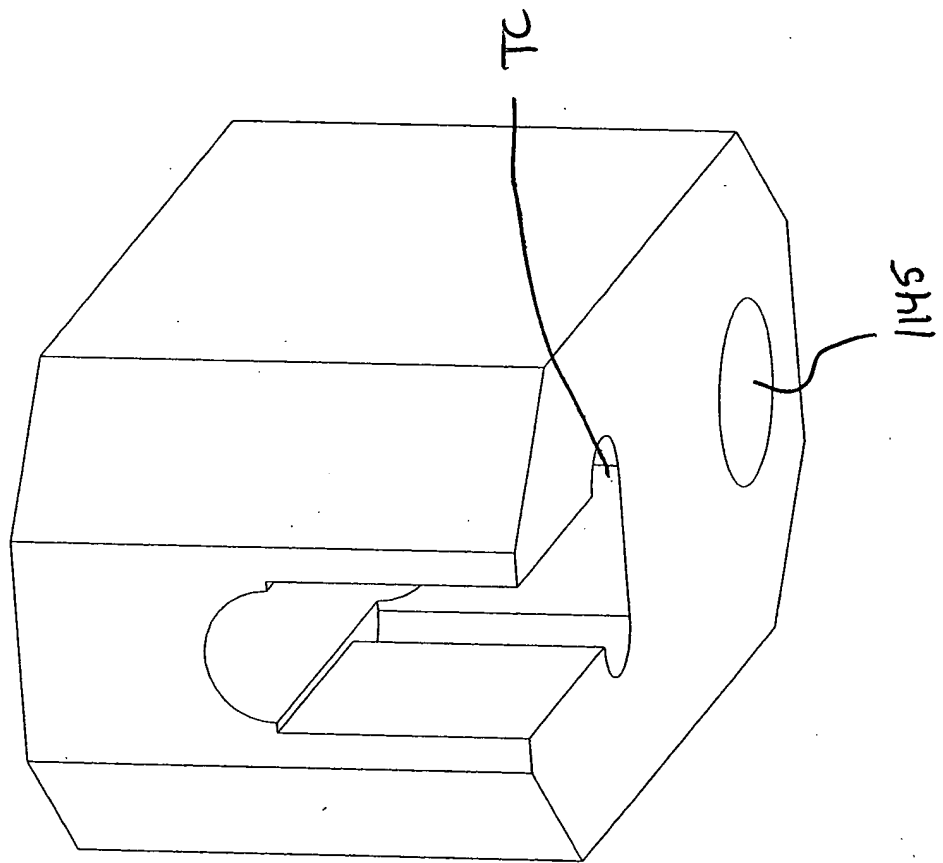


FIG. 175

FIG. 17C



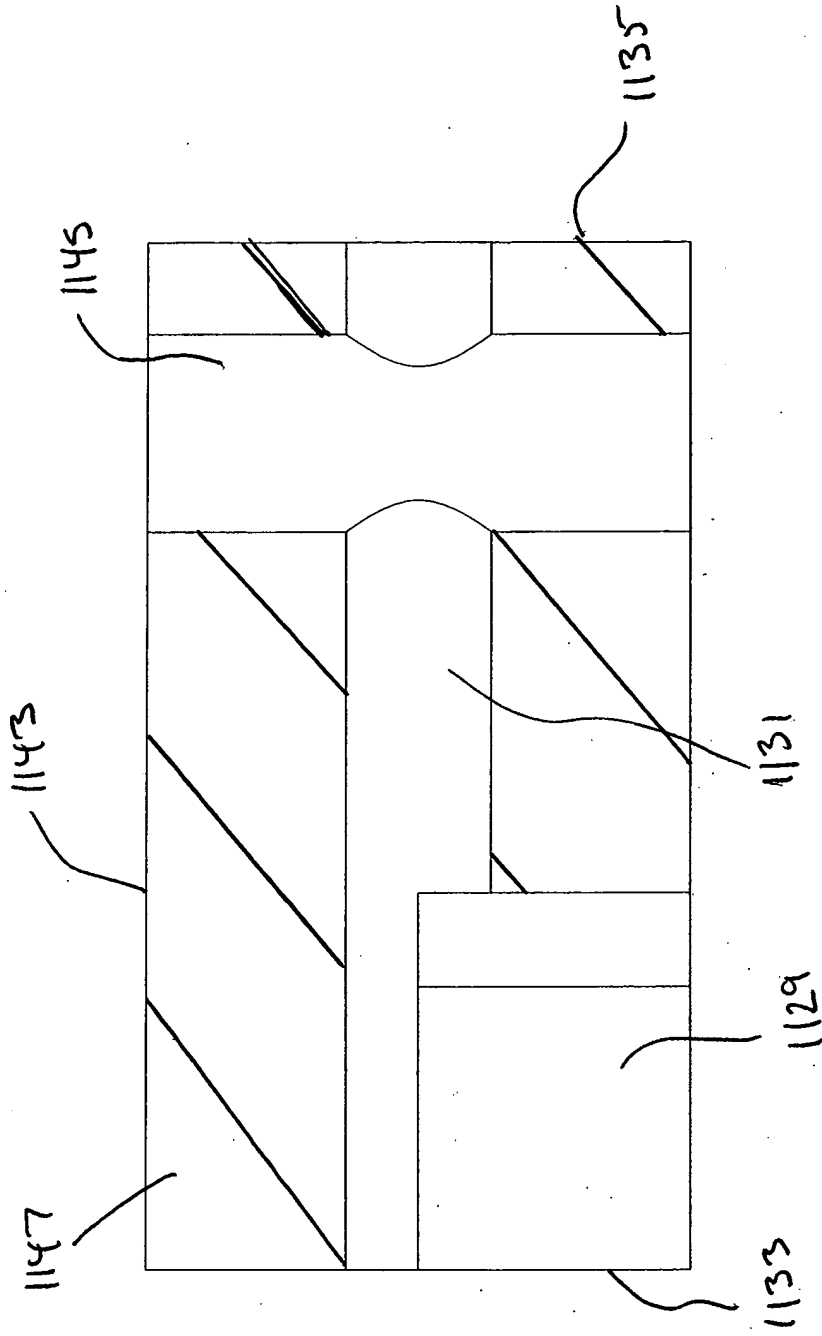


FIG. 177

1113(III)

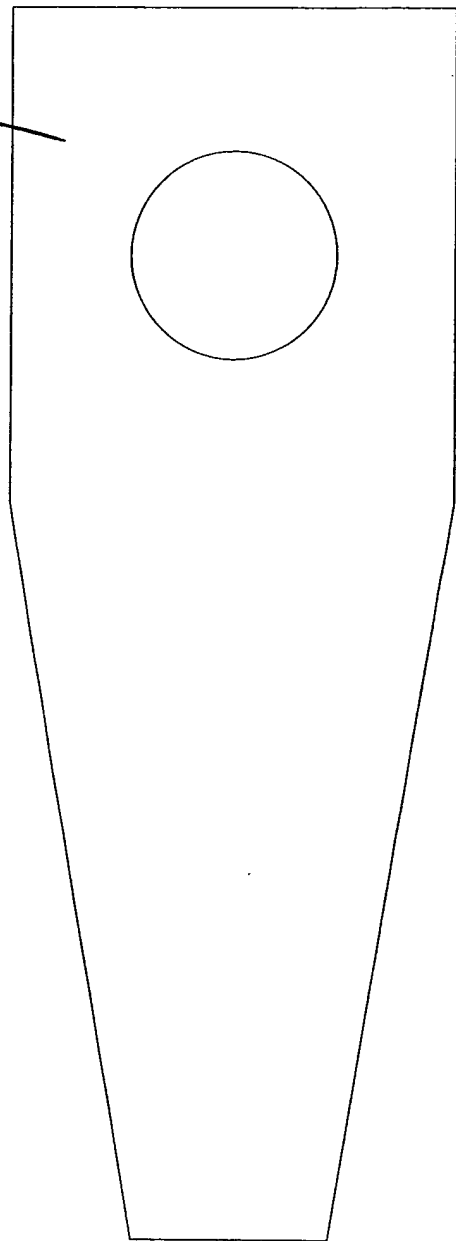


FIG. 178

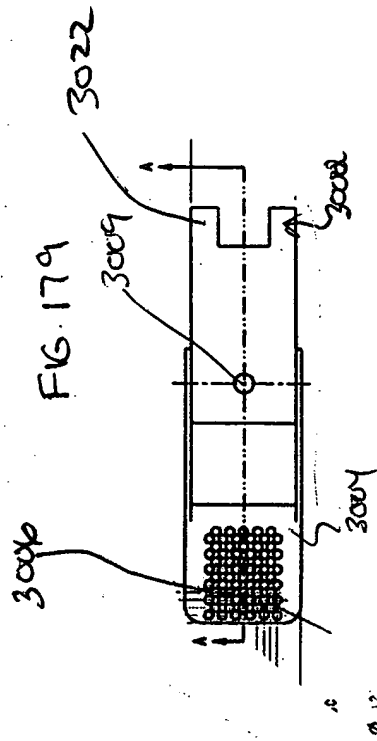


FIG. 179

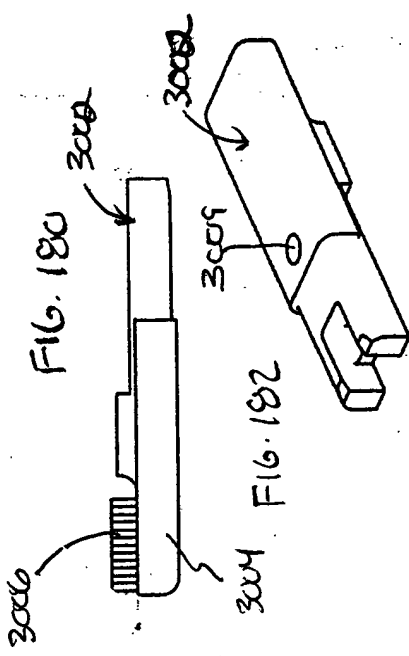


FIG. 180

FIG. 182

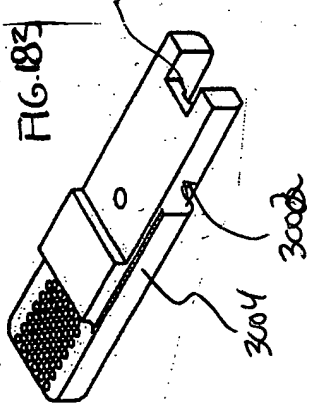


FIG. 183

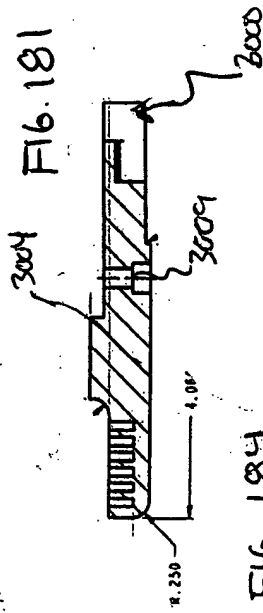


FIG. 181

FIG. 185

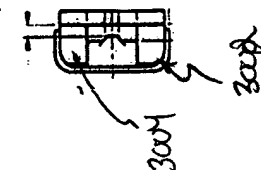


FIG. 184

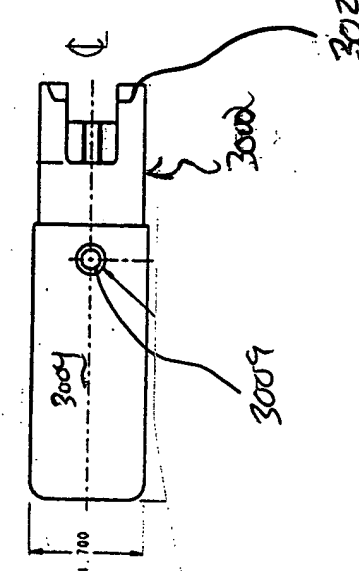


FIG. 186

FIG. 186

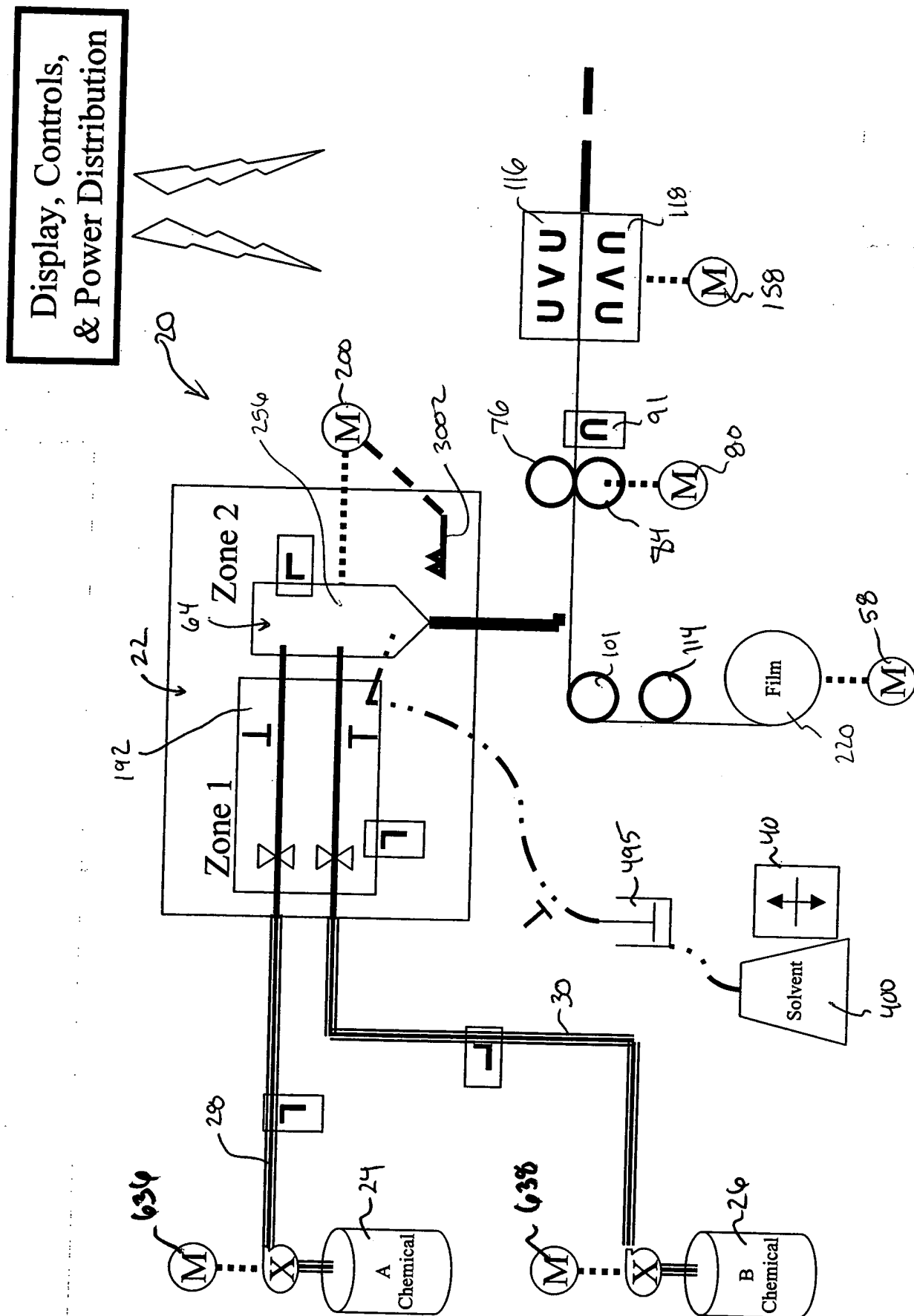




FIG. 186A

Legend


 = Motor

 = Linkage

 = Pump

 = Pump Shaft/Hose

 = Heating element (all orientations)

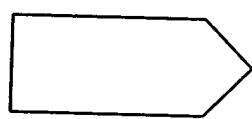
 = Filter

 = Pressure Transducer (all orientations)

 = Tip Cleaning Brush


 = Solvent Pump

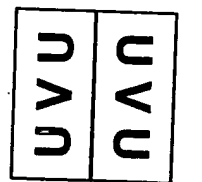
 = Level Sensor

 = Mixing Module +

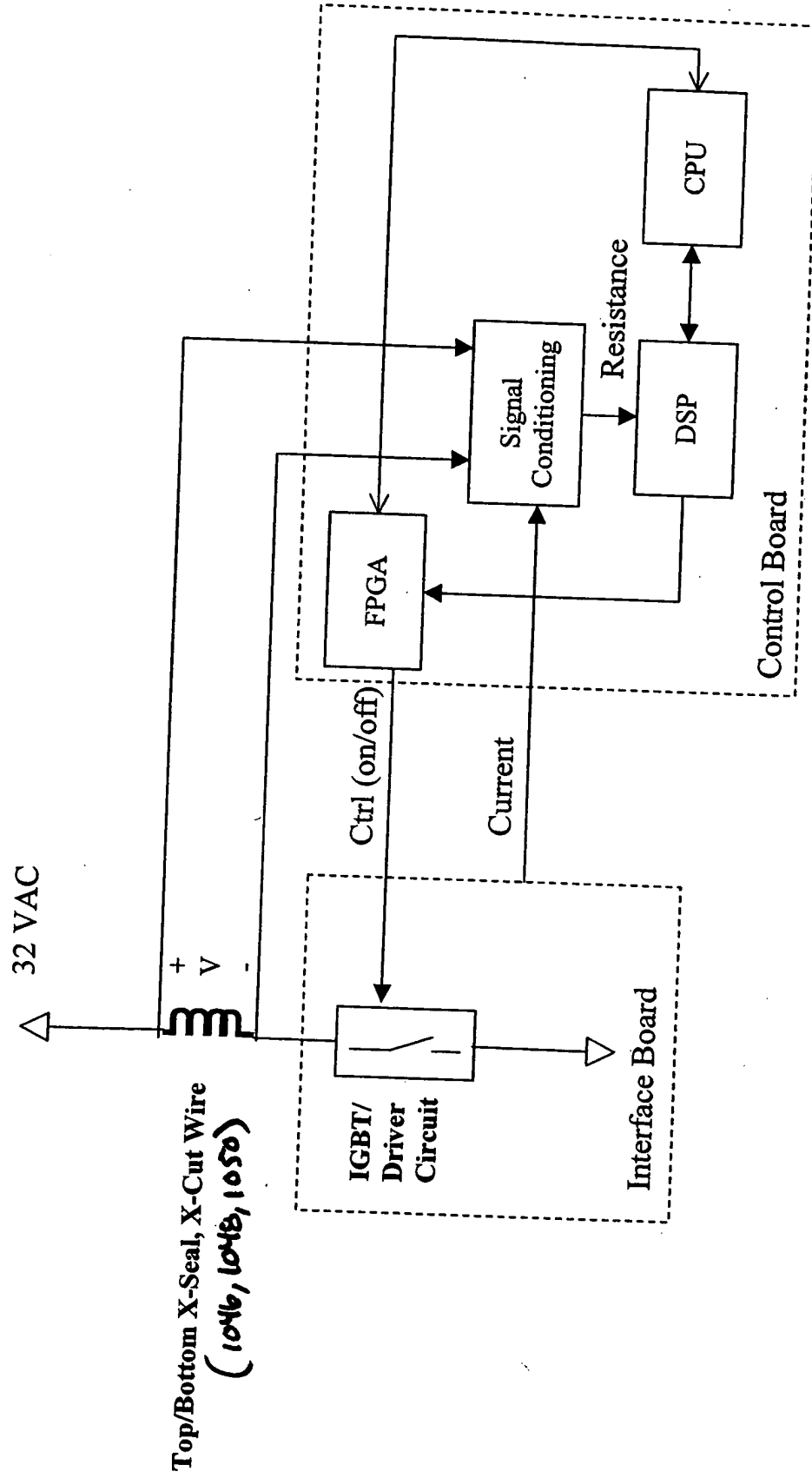
 = Idle Roller

 = Nip Rollers

 = Edge Seal Wire

 = Jaw Assembly
(X-seal, X-cut,
X-seal)

Top/Bottom X-Seal, X-cut



Edge Seal

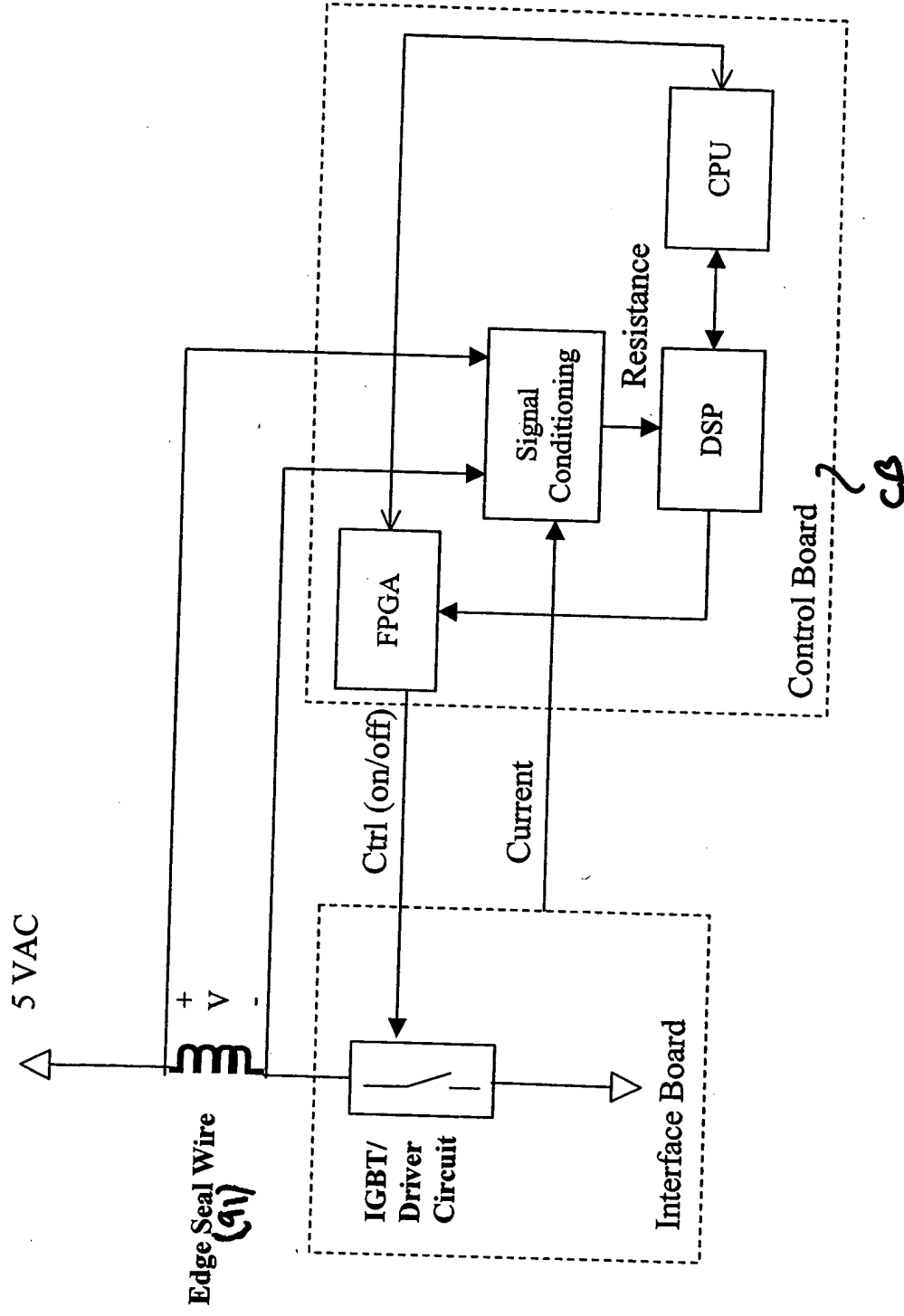


FIG. 188

Moving Jaw

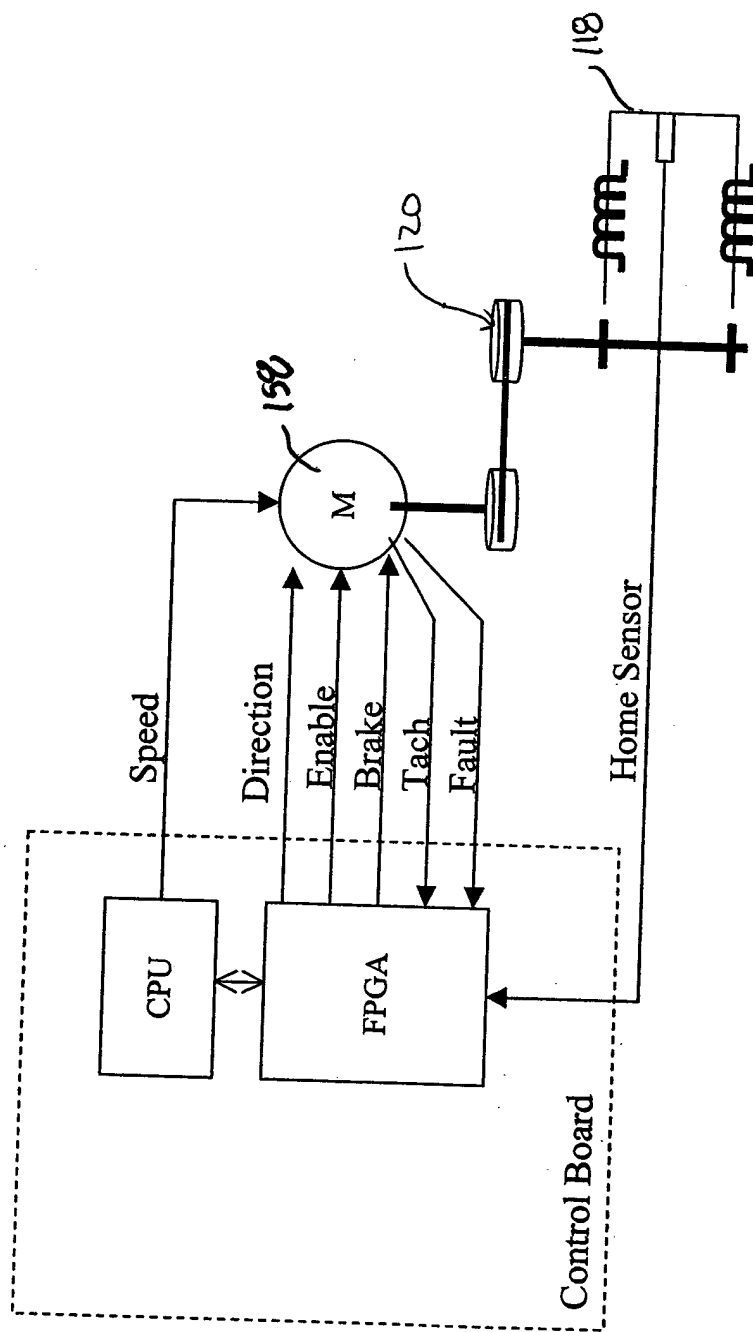


FIG. 189

Chemical Dispensing/Tip Cleaning

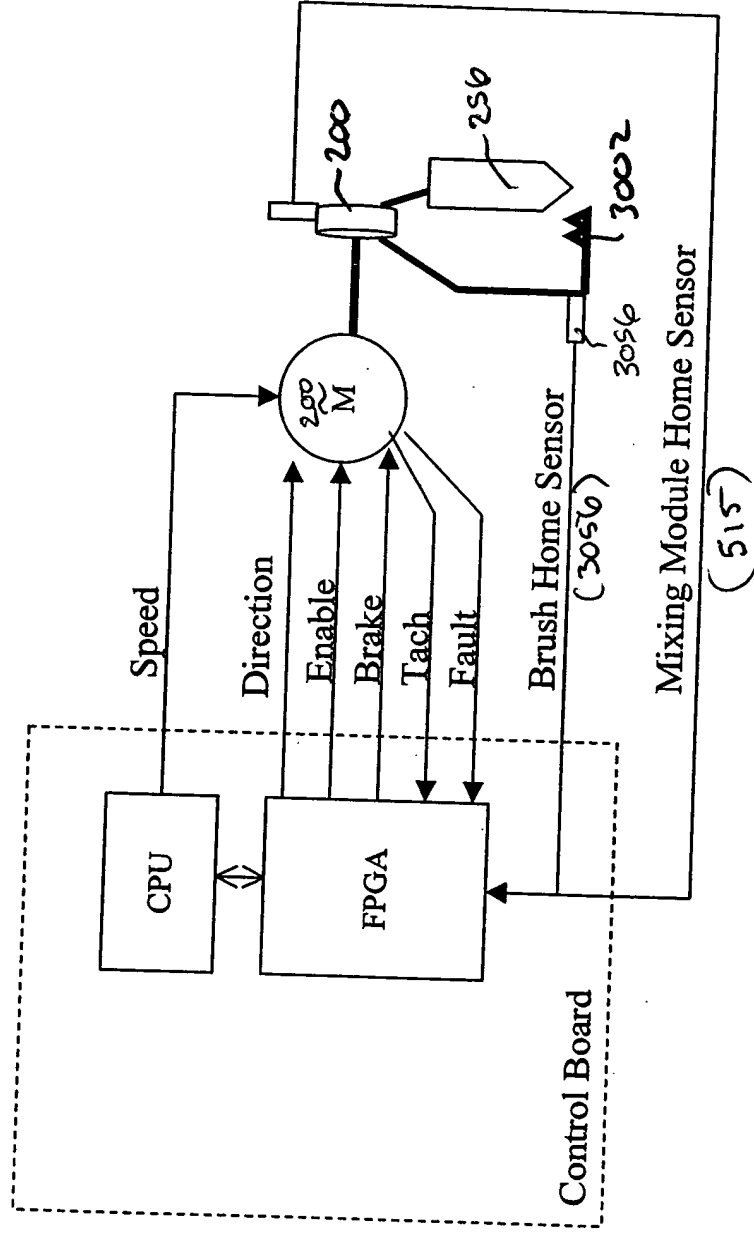


FIG. 190

Film Advance/Tracking

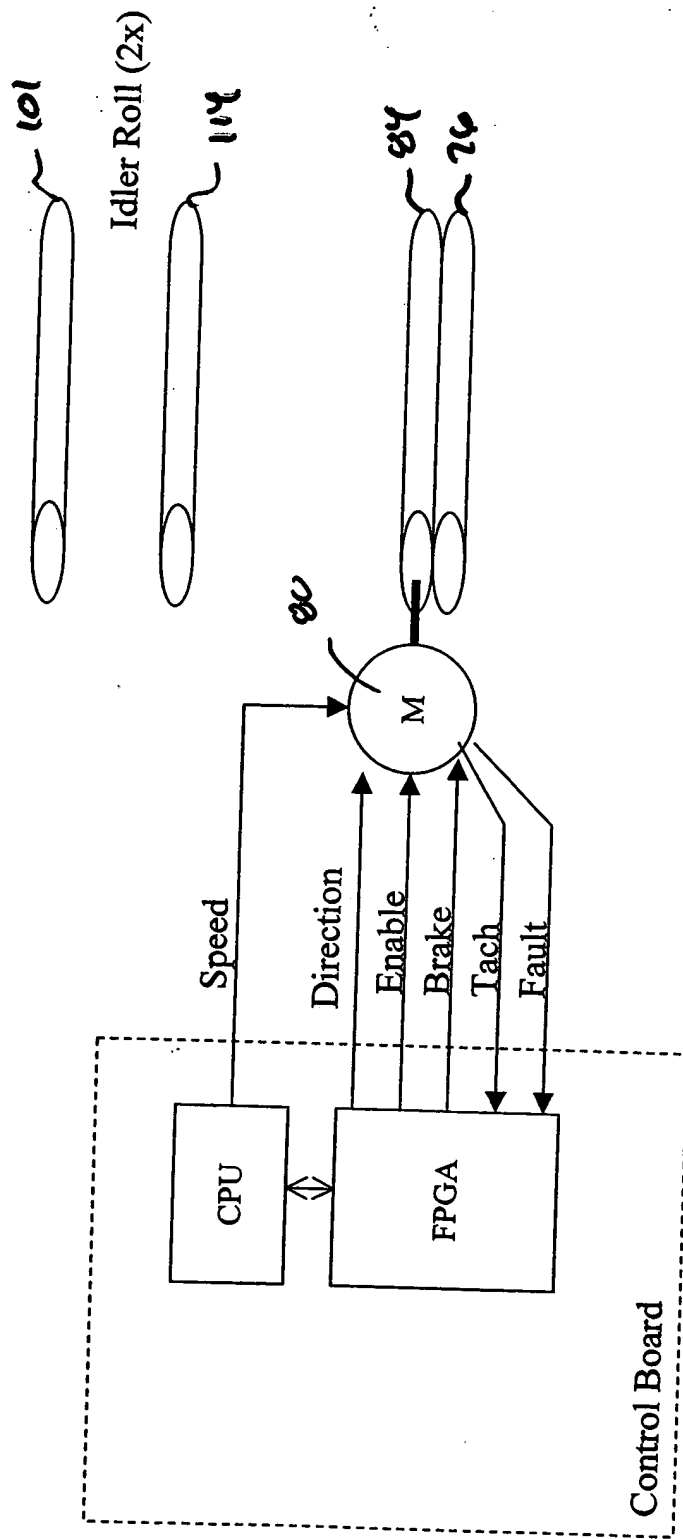


FIG. 191

Film Tension

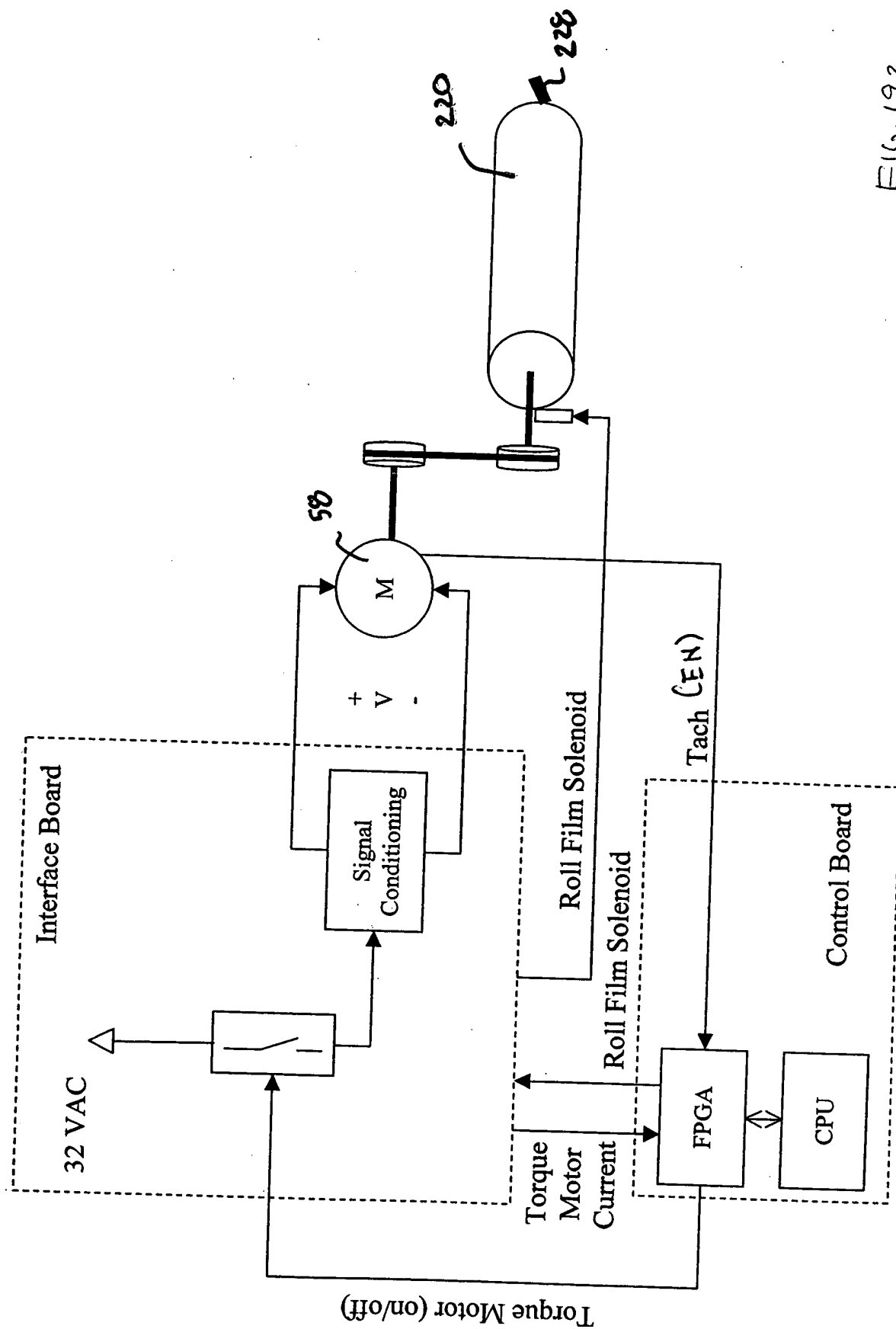


FIG. 192

Chemical Temperature Control (Hoses)

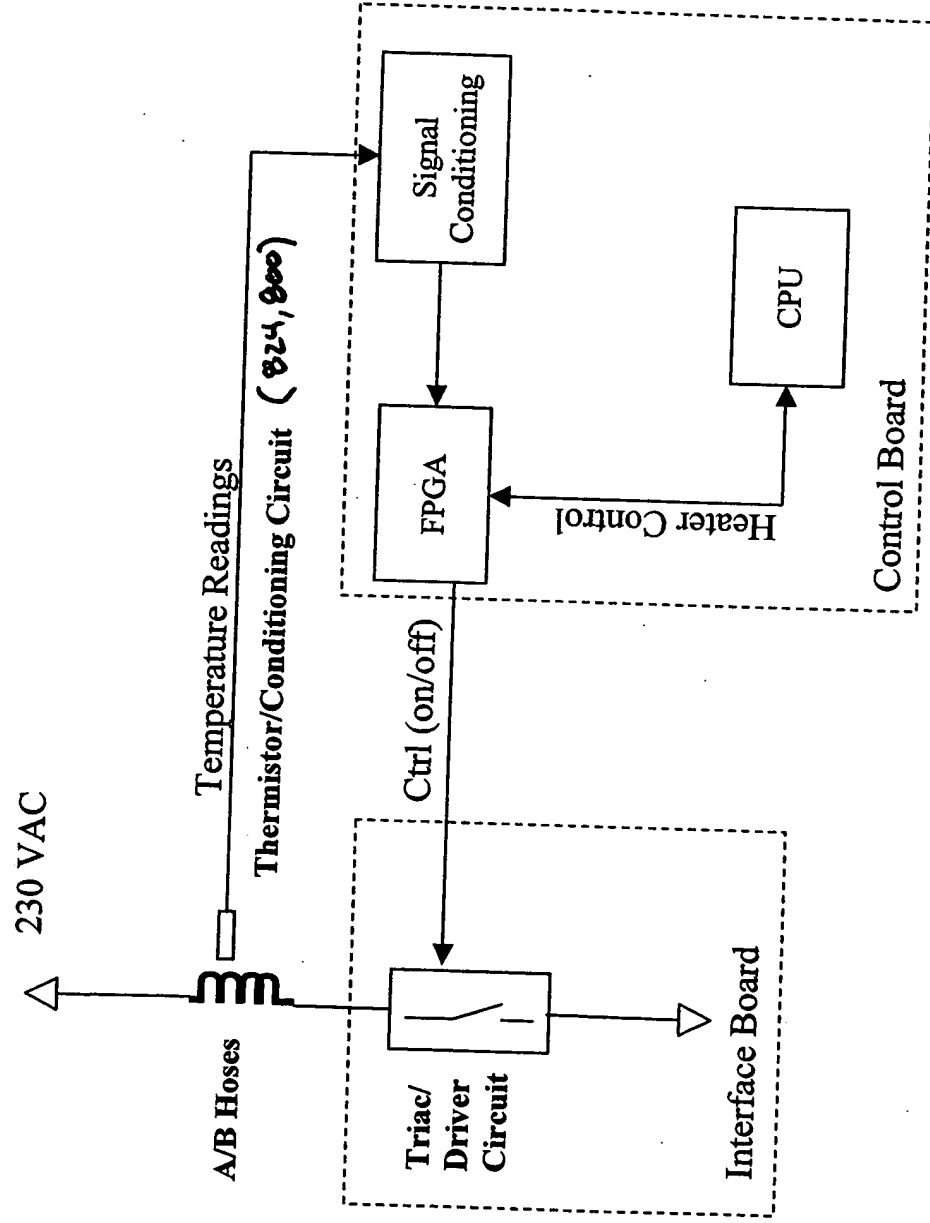


Fig. 193

Chemical Temperature Control (Manifold Zones)

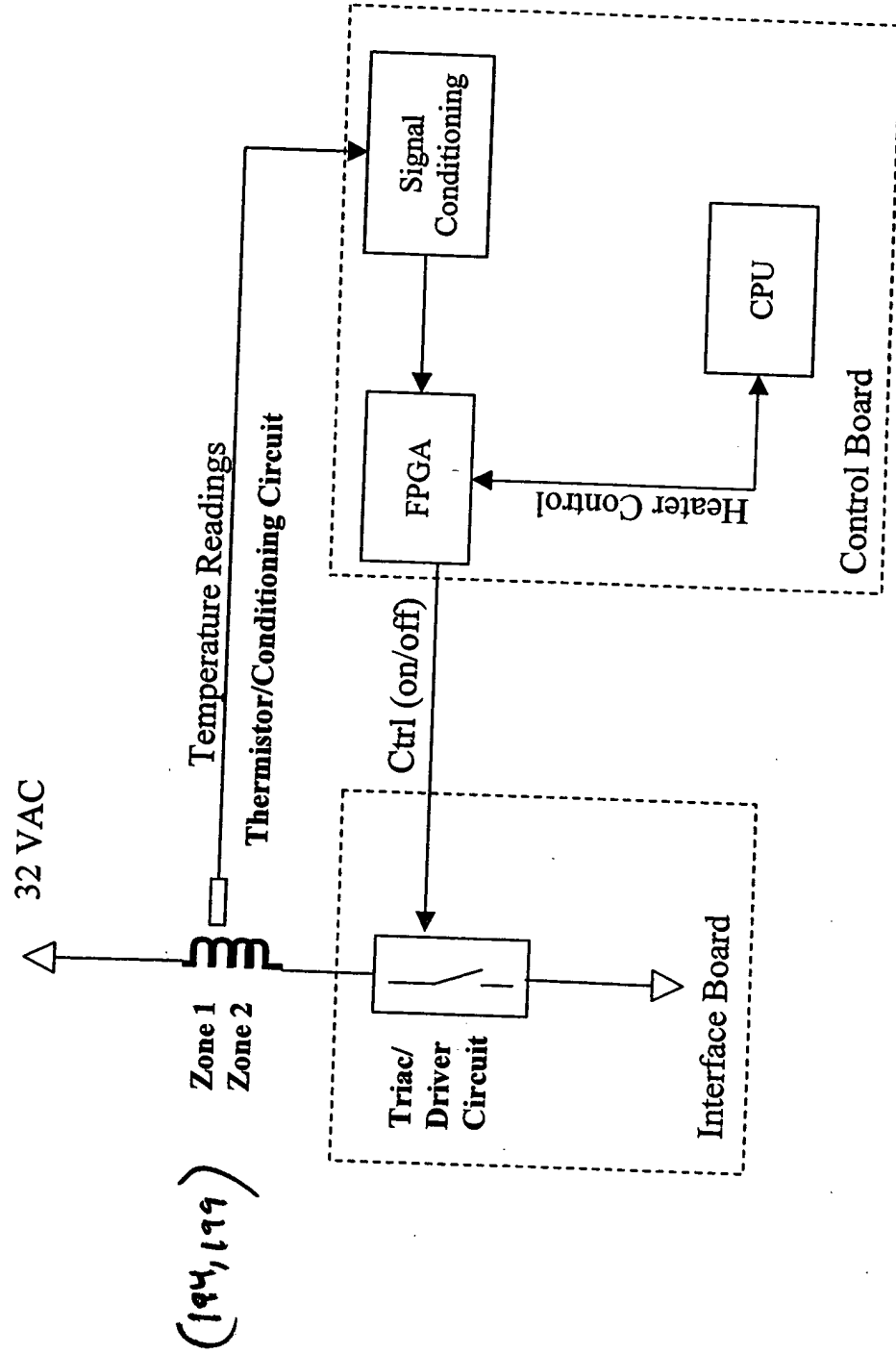


FIG. 194

Chemical Pressure

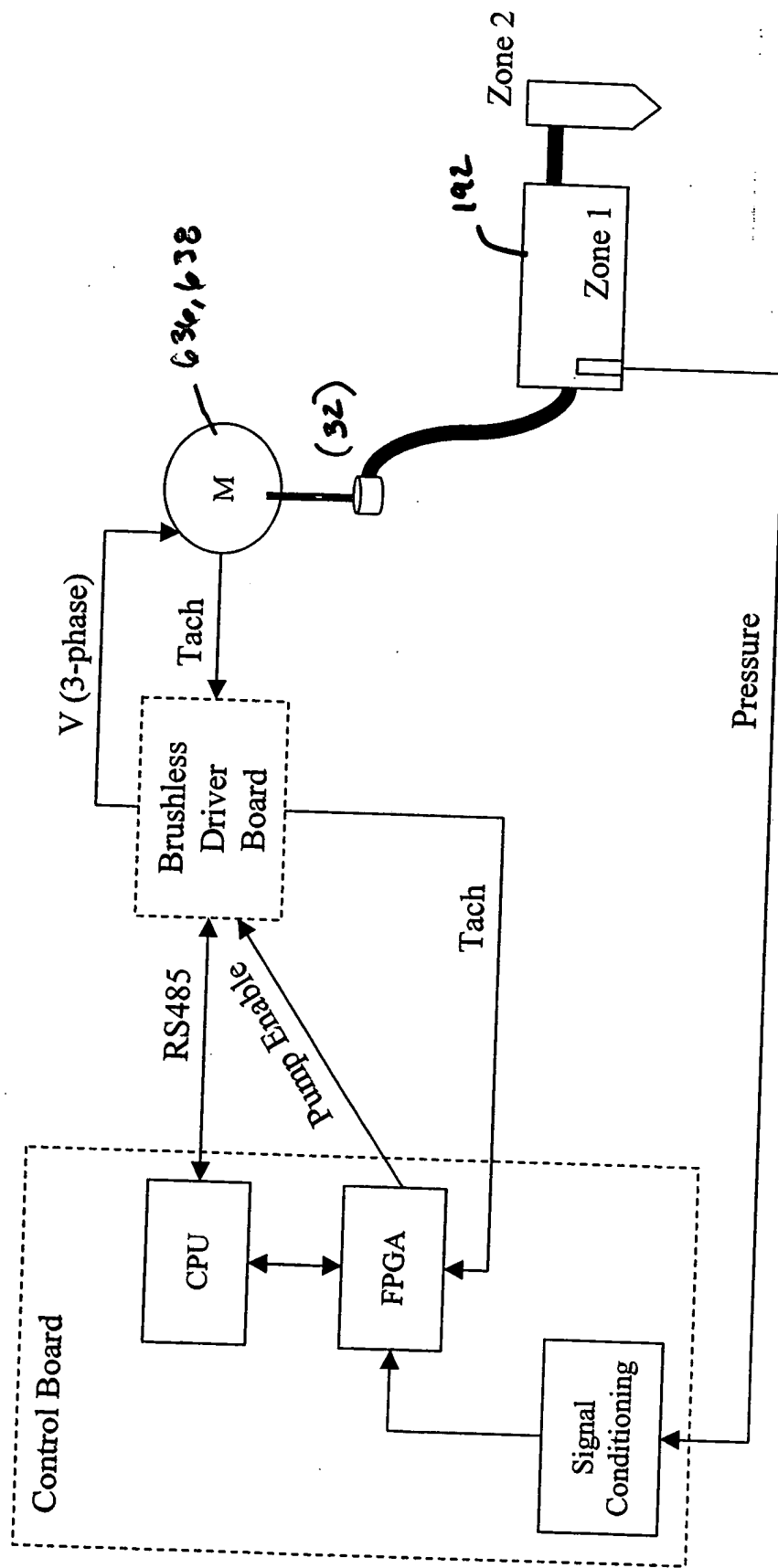


FIG. 195

Solvent System Control

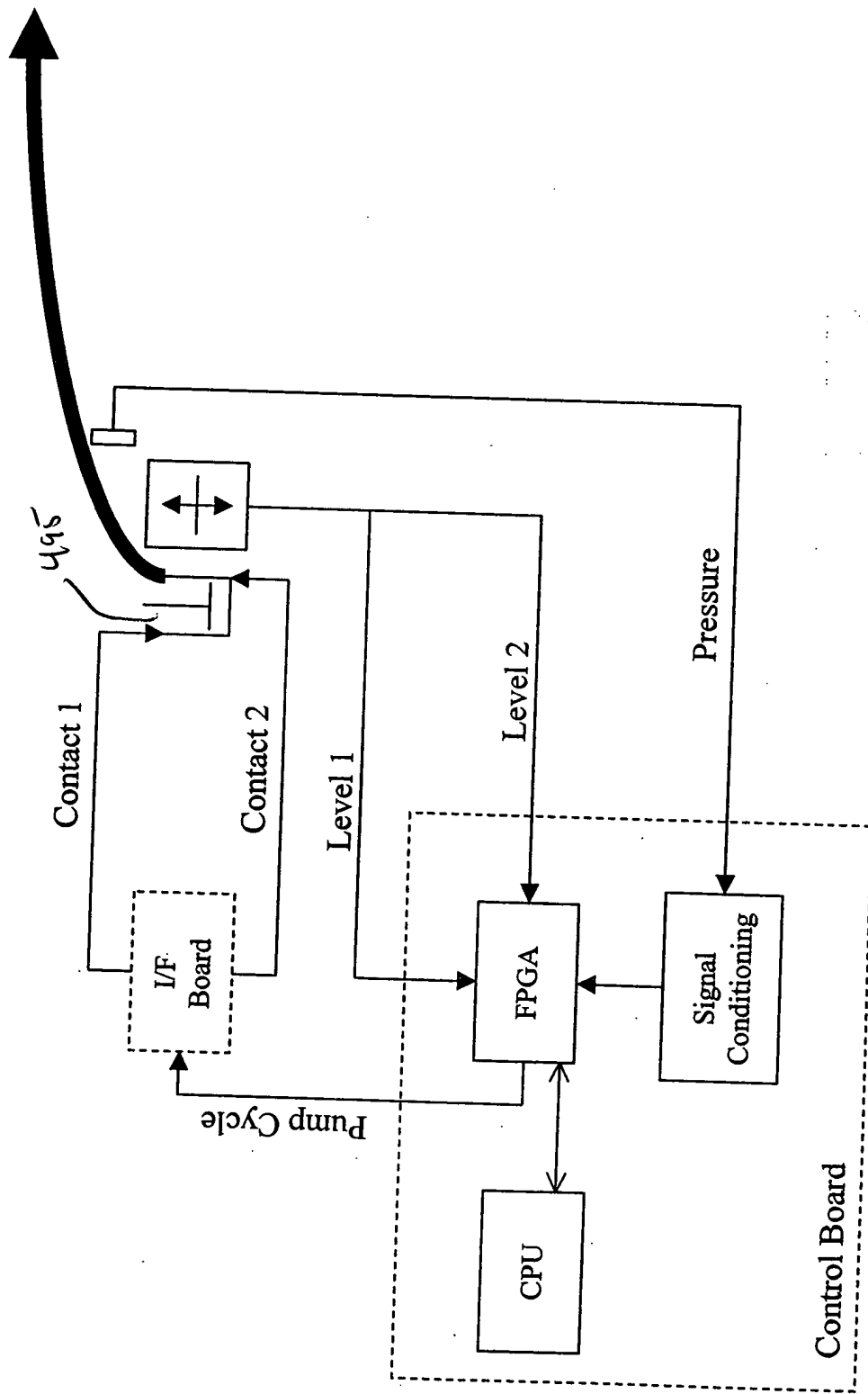
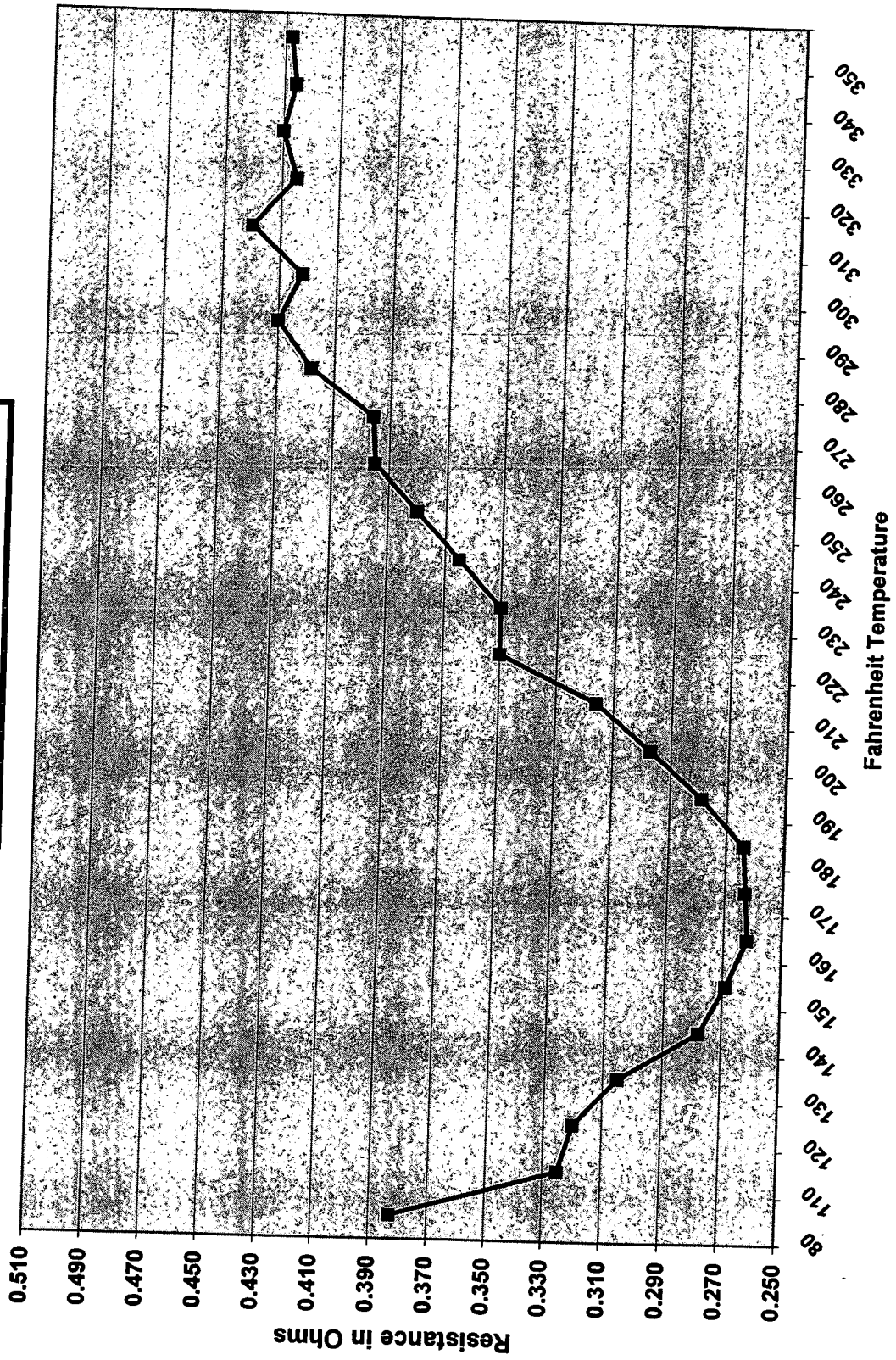


FIG. 196

FIG. 197

—■— TCR



Film Advance/Tension Motor Tach Ratio

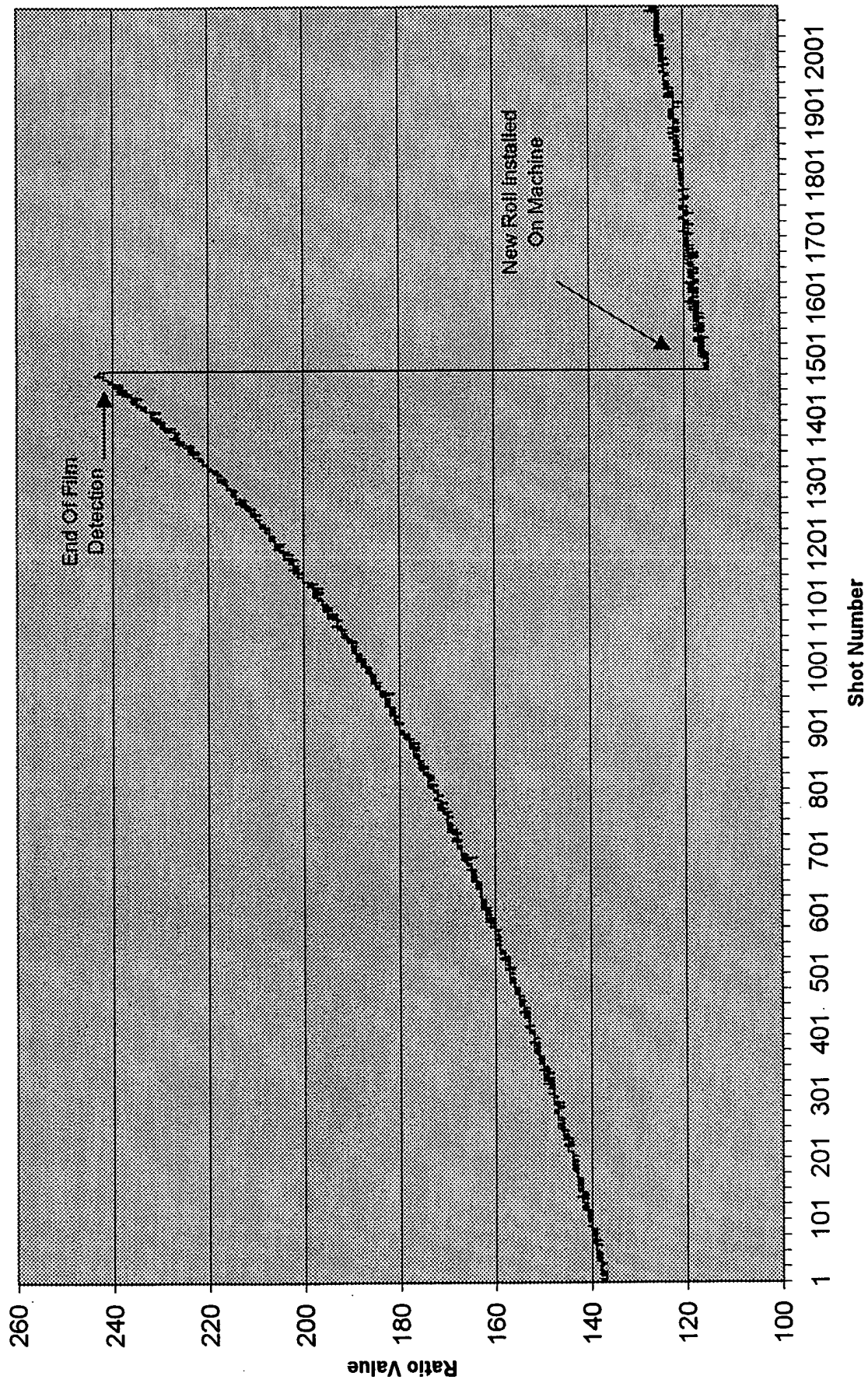


FIG. 198

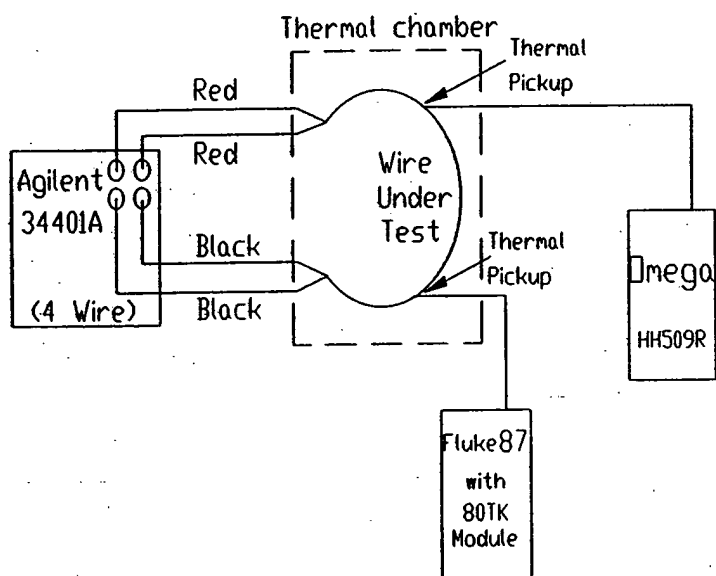


FIG. 199